

RECORD OF PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1978 to June 30, 1979

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THE OHIO STATE UNIVERSITY

HAROLD L. ENARSON, *President*

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
JOHN L. GUSHMAN, Lancaster ¹	December 11, 1970	May 13, 1979
HOWARD D. SIRAK, Columbus	May 19, 1971	May 13, 1980
PATRICIA D. JAMES, Cleveland	July 18, 1972	May 13, 1981
CHESTER DEVENOW, Toledo	May 14, 1973	May 13, 1982
WARREN J SMITH, Columbus	January 6, 1975	May 13, 1983
JOHN D. JACOB, Columbus	May 14, 1975	May 13, 1984
DONALD J. HILLIKER, Bellefontaine	May 14, 1976	May 13, 1985
JOHN F. HAVENS, Delaware	May 14, 1977	May 13, 1986
DANIEL M. GALBREATH, Columbus	May 14, 1978	May 13, 1987
LEONARD J. IMMKE, Columbus ²	November 15, 1978	May 13, 1979
EDMUND C. REDMAN, Columbus	May 14, 1979	May 13, 1988

OFFICERS

HOWARD D. SIRAK, *Chairman*
 PATRICIA D. JAMES, *Vice Chairman*
 EDWARD Q. MOULTON, *Secretary*³
 MADISON H. SCOTT, *Secretary*⁴
 JAMES W. KRISTOFF, *Treasurer*

¹ Resigned November 14, 1978.

² Appointed to fill unexpired term of John L. Gushman ; resigned November 14, 1978.

³ Resigned January 1, 1979.

⁴ Elected March 2, 1979.

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND THIRTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 21, 1978

The Board of Trustees met at its regular monthly meeting on Friday, July 21, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, John L. Gushman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

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Minutes of the last meeting were approved.

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July 21, 1978 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 11:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

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The meeting of the Board of Trustees reconvened at 2:00 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-1

Synopsis: Resolutions honoring the service of seven of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

E. Howard Bond

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 25, 1978, of E. Howard Bond, County Extension Agent Emeritus, in the Cooperative Extension Service.

Mr. Bond was born May 10, 1896, in Farina, Illinois. He attended high school at Farina and graduated in 1914. He attended Milton Wisconsin College where he was awarded the Bachelor of Science degree in 1922. Additional graduate education was pursued at The Ohio State University.

He was engaged in the farming business for eight years and taught school for four years before joining the Extension Service.

On June 1, 1925, he was appointed to the position of County Agricultural Agent in Henry County. He continued to serve in this capacity until his retirement June 30, 1957.

Throughout his career as a faculty member with the Ohio Cooperative Extension Service, Mr. Bond earned and enjoyed the respect and admiration of the people of Henry and surrounding counties and of his fellow workers. He was recognized as a staunch supporter of agriculture in its broadest ramifications and was a source of strong continuing leadership in his community. Service on important professional committees was routine for him. He set high standards of performance and demonstrated his convictions.

July 21, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

E. Howard Bond (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Bond its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

Carlton E. Johnson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 26, 1978, of Dr. Carlton E. Johnson, Professor, Department of Agricultural Engineering and the Department of Agricultural Education.

Dr. Johnson was a graduate of Berea College, Kentucky (B.Sc., 1938) and Iowa State University (M.Sc., 1948, Ph.D., 1956).

Dr. Johnson joined The Ohio State University as Associate Professor of Agricultural Engineering January 1, 1955, and was promoted to Professor in 1966. He was a member of the American Society of Agricultural Engineers (ASAE), the American Vocational Association, the American Association of Teacher Educators in Agriculture, the American Vocational Educational Research Association, the National Vocational Teachers Association, and the Ohio Vocational Association.

Dr. Johnson was nationally recognized as a leader in development of standards and guidelines for instruction in agricultural mechanization and mechanics. He had chaired a national committee for the American Society of Agricultural Engineers on Instruction in Agricultural Mechanization and had participated in development of national standards for review and approval of curricula in Agricultural Mechanization.

Dr. Johnson was an authority on safety color coding for equipment and facilities used in agriculture and industry. At the time of his death, he was the representative for ASAE to the American National Standards Institute, Committee on Safety Color Codes.

Dr. Johnson had received many honors and recognitions for his scholarly and professional achievements in agricultural mechanics and in National FFA Agricultural Mechanics programs. He was a member of honorary societies including: Phi Delta Kappa and Gamma Sigma Delta. He authored and co-authored more than 40 papers and publications on agricultural mechanization education and applications. In 1977, Dr. Johnson was awarded the Honorary American Farmer Degree by the Future Farmers of America at their Annual Convention, Kansas City, Missouri, in recognition of his contributions to teacher education and farm mechanics.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy.

July 21, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Dr. William R. Kampfer

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 9, 1978, of Dr. William R. Kampfer, Associate Professor Emeritus in the College of Dentistry.

Dr. Kampfer received his D.D.S. degree from The Ohio State University in 1920, LL.B. degree from Franklin University in 1940, and his Juris Doctorate degree from Capital University.

Dr. Kampfer was a member of the faculty of the College of Dentistry from 1953-65 and maintained a very successful private practice. He was also a member of the faculty of the College of Medicine.

Dr. Kampfer was a member of the American Dental Association, the Columbus Dental Society and Omicron Kappa Upsilon Dental Honorary Society.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Philip C. Kozel

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 8, 1978, of Philip C. Kozel, Professor in the Department of Horticulture, after a long illness. Professor Kozel served on the faculty in the Department of Horticulture for the past ten years.

Professor Kozel received his B.S. and M.S. degrees from The Ohio State University in 1963 and 1965 respectively and his Ph.D. degree from Cornell University in 1968. He authored more than fifty articles on plant materials and growth regulators and was the co-author of two textbooks, *Woody Ornamentals for the Midwest*, and *Evergreens for the Landscape*.

In recognition of his many achievements, Dr. Kozel was the recipient of several awards including the Distinguished Teaching Award from The Ohio State University, The Alfred J. Wright Award, The Garden Club of Ohio Citation and The Outstanding Service to Students Award.

For the past several years Dr. Kozel gave leadership and guidance to the Shade Tree Evaluation Project in the Sequest Arboretum and in various cooperating cities throughout Ohio. In addition, he gave leadership to the Floriculture and Landscape Horticulture Forum, a student organization within the Horticulture Department.

Through his inspiring teaching and his concern for people, Dr. Kozel gained the respect of his students and of the nursery industry throughout the nation. Through his guidance and

July 21, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Philip C. Kozel (contd)

and his many contributions to nursery crop production and shade tree improvement, his influence will have a lasting impact for generations to come. Dr. Kozel's influence on the careers of many young people during the past decade and his research with shade trees assisted the entire nursery industry. Dedicated to learning all he could about the plants and sharing his knowledge with others, the horticultural industry has lost a true friend and the University has lost a true scholar-teacher.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy.

Ralph B. Neiswander

The Board of Trustees of The Ohio State University expresses its great sorrow upon the death on June 9, 1978 of Ralph B. Neiswander, Professor Emeritus, Department of Entomology, College of Biological Sciences.

Dr. Neiswander was born in New Stark, Ohio, on June 30, 1898. He graduated from Ada High School in 1915, and then attended The Ohio State University where he received his B.S.Agr. degree in 1927, the M.S. degree in 1928, and the Ph.D. degree in 1934. Both advanced degrees were in the field of Entomology.

From 1916 to 1918, Dr. Neiswander taught rural elementary school in Hancock County, Ohio. He then became a farmer from 1919 to 1924.

In 1927 he joined the staff at the Ohio Agricultural Research and Development Center, Wooster, Ohio, working on the European corn borer. In 1928 he began research on the oriental fruit moth and insect problems of small fruit plantings. This research work continued until 1944. From 1944 until his retirement, he conducted research on insect pests attacking ornamental plants and greenhouse plants.

He retired in 1964, after 37 years of service to the University.

He was well known and respected by entomologists throughout the United States and greatly admired and appreciated by all Ohio growers that knew him.

On behalf of the University, the Board of Trustees expresses to the family of Professor Neiswander its deepest sympathy in its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

July 21, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Arthur H. Smith

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 25, 1978, of Arthur H. Smith, Assistant Professor Emeritus in the Cooperative Extension Service.

Mr. Smith was born August 5, 1898, in Harrison County, Ohio. He attended Cadiz high school, graduating in 1916. A bachelor of science in agriculture degree was received from The Ohio State University in 1922. Additional education with credit towards a master of science degree was secured from both The Ohio State University and Ohio University.

Mr. Smith joined the faculty of The Ohio State University as a County Extension Agent in Monroe County on August 1, 1923. Mr. Smith served for 7 years in this position prior to moving to a similar position in Washington County where he remained until 1940. From 1940 to 1942 he held several short time Extension positions in Guernsey, Wyandot, Portage, Noble and Highland Counties in addition to a horticultural specialist position. In 1942 he transferred to Marion County as County Extension Agent, Agriculture. In 1954 he moved from this position to that of Assistant Extension Editor in charge of radio programs--where he remained until retirement on September 30, 1960, after 37 years of Ohio State University faculty employment.

Mr. Smith was a dedicated and highly respected agricultural leader in Ohio. He was best known for his efforts in radio and mass communication and as a pioneer in agricultural marketing through farmer cooperatives. He was well known and respected among his peers on the Extension faculty. He will long be remembered for his outstanding contributions in Extension education.

On behalf of the University, the Board of Trustees expresses to the family of Mr. Smith its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to his family as sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

Ralph M. Stogdill

The Board of Trustees of The Ohio State University expresses its sorrow upon the death July 8, 1978 of Ralph M. Stogdill, Professor Emeritus in the Academic Faculty of Management Science, College of Administrative Science.

Professor Stogdill, a resident of Columbus, Ohio, was born August 29, 1904. He began his learning career at The Ohio State University in 1928 where he earned his bachelor's, master's and doctor's degrees. He was a Professor in the Academic Faculty of Management Science at The Ohio State University from 1968 until his retirement in 1975 as Professor Emeritus. He also held a joint appointment with the Department of Psychology.

July 21, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ralph M. Stogdill (contd)

Over the span of years, Professor Stogdill has been associated with Stanford University Graduate School of Business where he was a research social scientist; and the United States Maritime Service, during World War II, where he achieved the rank of Lieutenant Commander. In the 1930's, Professor Stogdill was on the staff of The Ohio State University Psychological Clinic; was clinical psychologist for the Ohio Bureau of Juvenile Research in Columbus, Ohio, 1937 to 1942; was Associate Director of the Ohio State Leadership Studies, 1946 to 1953; and was Director of the Program in Leadership and Organization at The Ohio State University, 1968 to 1975.

Dr. Stogdill has published 16 books and monographs. His latest book entitled, *Handbook of Leadership: A Survey of Theory and Research*, is a summary of his 25 years of leadership experience. Research on his books led to his publication of, *Leadership Abstracts and Bibliography 1904-1974*, under the auspices of the College of Administrative Science, The Ohio State University. He has also published 18 original papers; over 40 journal articles; developed by himself or with others, eight different tests and test manuals; and directed five sound movies focusing upon various aspects of leadership. He was the instigator and developer of an interdepartmental doctor's degree program under the Graduate School for students who wanted combined training in management science and psychology.

In 1970, Professor Stogdill received an award for Outstanding Research from the Division of Consulting Psychology of the American Psychological Association. He was a member of several professional and honorary organizations. Some of these were the American Psychological Association; the American Association for the Advancement of Science; the Psychonomic Society; the Society for General Systems Research; the Institute of Management Sciences; the Industrial Relations Research Association; the Ohio Psychological Association; and the Beta Gamma Sigma Honorary Business Fraternity.

On behalf of the University community, the Board of Trustees expresses to the family of Ralph M. Stogdill its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of sympathy and respect.

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PRESIDENT'S STATEMENT ON AFFIRMATIVE ACTION

Synopsis: The Report of the Commission on Women and Minorities requested a policy statement in regard to affirmative action objectives.

In the Report of the Commission on Women and Minorities the following recommendation is made:

"A clear, precise, well defined policy statement on affirmative action objectives, authored and disseminated from the Office of the President, to be administered by the University's middle management, is critically needed, and recommended by the Commission."

July 21, 1978 meeting, Board of Trustees

PRESIDENT'S STATEMENT ON AFFIRMATIVE ACTION (contd)

As a contractor with the federal government and a recipient of federal funds, the University is subject to legislation and administrative regulations dealing with equal opportunity and affirmative action. These include Title VII of the Civil Rights Act of 1964, Title IX of the 1972 Education Amendments of the Higher Education Act, Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, and Executive Order 11246, as amended. It is under this Executive Order that "affirmative action" requirements arise, and it is from this Order that the Department of Health, Education and Welfare has taken its authority to require colleges and universities--among others--to adopt affirmative action policies and plans.

On November 30, 1977, The Ohio State University entered into an agreement with H.E.W. based on that Department's regulations under this Executive Order. This agreement also set forth specific affirmative action policies to which the University is bound. Although the terms of this agreement are now the subject of a dispute between two federal agencies, the University intends to fulfill the terms of that agreement.

More important than the pages of regulations and the force of law, however, is the moral obligation on educational institutions to rectify the pervasive results of past discrimination. We undertake affirmative action because--to put it simply--it is right to do so.

The recent decision of the United States Supreme Court in the *Bakke* case gives recognition to the substantial interest of a state-supported university in pursuing affirmative action in its admissions programs so as to achieve the objective of a diversified student body. With that decision as our guide, the University will continue its efforts to recruit and retain more female, minority and handicapped students.

Affirmative action--in another very important dimension--affects how we make personnel decisions and judgments. These decisions are never simple. Reduced to its essentials, affirmative action involves the recognition that equal opportunity will not come about unless and until those factors--both the obvious and the subtle--which have resulted in discrimination are aggressively rooted out and changed. It does *not* require preferential treatment or "reverse discrimination" either for or against any person or classes of persons. It does require a recognition that past personnel recruitment practices may not have provided some persons with the opportunity to compete for employment opportunities, and that the traditional criteria upon which personnel judgments have been made often fail to measure adequately the potential of persons who have not been the beneficiaries of all of society's privileges and opportunities.

Personnel decisions, basically, require judgments about human potential: how a person will perform if hired, or how he or she will continue to perform after they are promoted or tenured. As such, these judgments are in part necessarily subjective. In assessing a person's potential, we must consider whether or how a person's sex or racial background may have affected the opportunity he or she has had to demonstrate success by traditional measurements of academic, administrative or technical performance. We should consider, for example, whether or how the responsibility for child care impacted on a person's achievements as measured by traditional criteria. And clearly we should consider whether the potential of a handicapped person is accurately measured by traditional criteria.

July 21, 1978 meeting, Board of Trustees

PRESIDENT'S STATEMENT ON AFFIRMATIVE ACTION (contd)

There are a host of other subjective considerations that can be taken into account in making judgments as to human potential. Affirmative action requires that we carefully consider how handicap, race, or sex have impacted on the degree to which a person's potential can be assessed by traditional and standard criteria. There are no formulas to be applied in making these judgments; they require always thoughtful consideration.

Affirmative action does *not*, must *not*, involve a lowering of academic standards. It does, however, require that our recruitment procedures ensure that we seek out qualified persons who have not been recruited in the past. It also requires a constant process of examining our standards and re-evaluating the degree to which they measure each individual's potential. Affirmative action does *not* require that we hire, retain, or promote any person other than those who have the best potential for high quality academic, administrative or technical performance. But it does require that we be certain that the criteria upon which our judgments are made do not unfairly discriminate.

The University is under a strong obligation--moral and legal--to play an important and leading role in eliminating the effects of discrimination to our society based on race, sex, and physical handicap. This conviction--this commitment--is an important part of our mission, and one to which all of us must devote substantial and sustained effort.

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PRESIDENT'S STATEMENT ON FUND-RAISING EFFORT FOR ACADEMIC ENRICHMENT

Resolution No. 79-2

Synopsis: Authorization for intensifying fund-raising effort by the Development Fund for purpose of raising funds for academic enrichment.

The tight operating budgets of recent years and the effects of inflation have effectively deprived the University of any opportunity to enrich our academic programs in a significant way.

With this in mind, last year the Development Fund Board, with our concurrence, engaged fund-raising counsel to explore the University's potential for raising substantially more money from private donors. The consultants interviewed leading citizens in Ohio and in major cities in other states to assess their views of Ohio State.

We were gratified by the highly positive report we received. Clearly, the University is held in high esteem and the potential for substantially increased private support appears strong.

On the basis of these findings, and in order to take the initiative to find the funds needed to move the University toward further excellence, the Development Fund was authorized

July 21, 1978 meeting, Board of Trustees

**PRESIDENT'S STATEMENT ON FUND-RAISING EFFORT
FOR ACADEMIC ENRICHMENT (contd)**

to hire additional staff last year to extend immediately our capability in fund-raising and to prepare for such intensified fund-raising activities aimed at academic enrichment as might be authorized.

During the past year, the Provost's Office--working with the Deans and they, in turn, with their Department Chairpersons and faculty--identified a group of high-priority areas for academic enrichment. These are primarily fields of teaching and research where there is high potential to move from a solid position to one of recognized excellence, in some cases national distinction.

The intensified fund-raising effort we are proposing at this time would focus primarily on seeking gifts from individuals, corporations, and foundations for the purpose of establishing endowed chairs and named professorships in these high-potential fields.

Any new fund-raising activities which may be authorized at this time will not, however, replace the regular, ongoing program of the Development Fund. We would expect the growing response to our regular fund-raising programs to continue, even as we seek substantial additional support for academic enrichment.

We have reviewed the matter thoroughly. And we feel that it is absolutely essential that the University take steps at this time to maintain and substantially enhance its academic and research programs. The private sector offers the only immediate opportunity we see to obtain the new money which will be required.

For these reasons, I am bringing to you today a resolution asking your authorization to proceed with an intensified fund-raising program having the academic enrichment of the University as its primary objective.

WHEREAS The Ohio State University acknowledges an obligation to its students and to the citizens of Ohio to continually seek the means to move toward further excellence in its programs of teaching, research, and public service; and

WHEREAS the combination of inflation and tight budgets have effectively deprived the University of opportunities to enrich its academic programs in a significant way; and

WHEREAS the private sector appears to be the most likely source available of substantial funds for the purpose of academic enrichment; and

WHEREAS the University's potential for such support from the private sector appears strong; and

WHEREAS the University has identified a group of high-priority areas for academic enrichment; and

July 21, 1978 meeting, Board of Trustees

**PRESIDENT'S STATEMENT ON FUND-RAISING EFFORT
FOR ACADEMIC ENRICHMENT (contd)**

WHEREAS the Development Fund Board has reviewed the needs of the University which might be met from substantially increased private support and has endorsed the concept of an intensified fund-raising effort by the Development Fund for the purpose of raising such support:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University is authorized to instruct the Development Fund to undertake, in addition to its ongoing activities, a program of intensified fund-raising for the purpose of academic enrichment.

Upon motion of Mrs. James, seconded by Dr. Jacobs, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**AMENDMENTS AND ADDITIONS TO
RULES OF THE UNIVERSITY FACULTY**

Resolution No. 79-3

Synopsis: Approval of amendments and additions to Rules of the University Faculty is being proposed.

WHEREAS the University Senate pursuant to Rule 3335-1-08 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments and additions to *Rules of the University Faculty* as approved by the University Senate:

AMENDED RULES

**3335-5-04 Hearing Procedures for Complaints Against Regular and Auxiliary
Faculty Members**

The Faculty Hearing Committee is established by Rule 3335-5-581 of the Administrative Code and Rule 3335-5-04 of the Administrative Code is amended to recognize this change.

3335-5-44 Constituent Bodies of the Senate

The student membership of the University Senate has evolved as three separate constituent bodies and the faculty representatives wish to be known as the Faculty Council.

July 21, 1978 meeting, Board of Trustees

**AMENDMENTS AND ADDITIONS TO
RULES OF THE UNIVERSITY FACULTY (contd)**

AMENDED RULES (contd)

3335-5-46 Senate Committees

This rule provides a regular pattern of nomination, election and terms of service to the standing committees of the University and it is desired to provide continuity and experienced leadership to the committees.

3335-5-47 Committees

The Steering Committee is responsible for nominating membership to standing committees and it is desirable to provide leadership continuity from academic year to year.

3335-5-49 The Library Council

The Faculty Council can recommend membership from a broad base of interest and expertise and the committee structure is to be regularized wherever possible to have three-year terms for faculty.

3335-5-50 Council on Student Affairs

The Vice President for Student Services provides the President of the University and the University Senate with timely reports of the Council on Student Affairs and the Interprofessional Council is the recognized body for the representation of professional students.

3335-5-52 Council on Admission and Registration

Council on Admission and Registration is renamed and the elected representative may be provided through normal procedures of Rule 3335-5-47 of the Administrative Code and the presidential appointment allows specific recognition of interest and expertise.

3335-5-53 Mershon Committee on Education in National Security

The Mershon Committee organization is changed to expand the membership from six to ten members and the chairmen of the ROTC Departments shall serve for the duration of their terms.

3335-5-58 Committee on Academic Freedom and Responsibility

It is desirable for continuity and standardization that faculty terms on committees be three years wherever possible.

July 21, 1978 meeting, Board of Trustees

**AMENDMENTS AND ADDITIONS TO
RULES OF THE UNIVERSITY FACULTY (contd)**

AMENDED RULES (contd)

3335-5-60 University Calendar Committee

Change in membership for this committee is accomplished in this rule.

3335-7-23 Alteration of Marks

This rule includes description of course substitution procedures.

3335-15-01 Masculine and Feminine Gender

The clarification of this rule is intended to remove sexist language.

FORMALIZATION OF EXISTING SENATE COMMITTEES' RULES

3335-5-491 Bookstore Committee

3335-5-581 Faculty Hearing Committee

3335-5-591 Legislative Affairs Committee

3335-5-611 Traffic and Parking Commission

NEW RULE

3335-7-271 Student Substitution of Marks

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments and additions to *Rules of the University Faculty*, as approved by the University Senate since the publication dated April, 1978, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Mrs. James, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ADMINISTRATIVE AUTHORITY OF PERSONNEL RECOMMENDATIONS
RELATING TO NON-FACULTY**

Resolution No. 79-4

Synopsis: Clarification of the administrative authority of personnel appointment recommendations of unclassified and classified employees at the University.

RULES

3335-5-04 Hearing procedures for complaints against regular and auxiliary faculty members.

(A) Definitions and construction.

- (1) This rule shall apply only to complaints against regular and auxiliary faculty members.
- (2) At all stages in proceedings under this rule department chairmen, deans, or the provost will attempt, through the use of informal consultation, to resolve complaints to their satisfaction and that of the complainant, and the faculty member against whom the complaint is made (hereinafter "respondent").
- (3) Department chairmen, deans, or the provost shall not act in their administrative capacities in the consideration of any complaint naming them as respondent. In complaints naming a department chairman or a dean as respondent, the provost shall appoint an equivalent rank administrator from another department or college to act in the stead of the chairman or dean for the purpose of rule 3335-5-04 of the Administrative Code review. In complaints naming the provost as respondent, the chairman of the faculty hearing committee shall act in his stead.
- (4) The faculty hearing committee is established by rule 3335-5-581 of the Administrative Code.
- (5) Records of proceedings under this rule shall be kept only in the administrative office wherein the proceedings terminate. With written permission of the respondent, such records shall be open to inspection by the ombudsman, but may be inspected by others only with the written permission of the respondent and the administrative officer in charge of the office wherein the records in question are kept.
- (6) Alleged incompetence shall be judged by reference to the qualities and conditions under which tenure is customarily established at this university, to wit: competence with respect to teaching, service, and research. Accordingly, incompetence shall refer to a faculty member's failure to meet his defined teaching, service, and research obligations. However, physical or mental disability resulting in failure of performance shall be dealt with through administrative procedures requiring medical certification, which, in turn, may lead to a change of duties or to retirement.
- (7) Complaints alleging grave misconduct shall refer only to activities that, if proved, seriously impair a faculty member's effectiveness in meeting his defined teaching, service, and research obligations.
- (8) The designation department chairman in this rule includes academic faculty chairman, division chairman, and school director.

RULES

(B) Initial proceedings.

- (1) The complaint shall be set forth in writing, and a copy furnished to the respondent. Only charges thus set forth upon initiation of the complaint shall be considered at the several stages of deliberation.
 - (a) The complaint shall indicate whether the charge is: incompetence or grave misconduct; or failure to meet university responsibilities, which failure is not alleged to constitute incompetence or grave misconduct.
 - (b) Standing as complainant shall be limited to the following classes of persons: the university faculty, students, postdoctoral fellows, and post-professional fellows.
 - (c) The complaint shall be composed by, or directed to, the department chairman of the department of which the respondent is a member.
 - (d) The burden of going forward and the burden of proof shall be with the complainant.
- (2) The department chairman shall review the complaint and evidence relating to it, including evidence on behalf of the respondent, to determine whether reasonable and adequate grounds exist to support the complaint.
 - (a) A decision by the department chairman that no reasonable and adequate grounds exist to support the complaint shall be communicated in writing to the complainant and the respondent. Such a decision may be appealed by the complainant to the dean of the college in which the complaint was initially filed.
 - (b) If reasonable and adequate grounds are determined to exist to support the complaint, the department chairman shall refer the complaint to the dean of the college.

(C) College proceedings.

Complaints referred to the dean of the college by a department chairman, or appealed to the dean by the complainant, shall be reviewed by the dean who will determine whether reasonable and adequate grounds to support the complaint have been established.

- (1) Complaints alleging failure to meet university responsibilities when such failures are not alleged to constitute incompetence or grave misconduct.

RULES

- (a) If no reasonable and adequate grounds are found to support the complaint, the dean shall dismiss the complaint and communicate this disposition in writing to the complainant, the respondent, and the department chairman.
- (b) If reasonable and adequate grounds are found to support the complaint, the dean shall establish a college hearing committee consisting of no fewer than three faculty members from within the college but from outside the respondent's department.
- (c) The college hearing committee shall review the complaint, hear relevant testimony, including testimony from both the complainant and the respondent, and determine the accuracy and sufficiency of the complaint.
- (d) The college hearing committee shall transmit its findings in writing to the complainant, respondent, and dean.
- (e) Upon receipt of the written findings of the college hearing committee, the dean shall consider them in connection with the nature of the offense and its circumstances and select one of the following sanctions:
 - (i) Dismiss the complaint, if such is the recommendation of the college hearing committee.
 - (ii) Direct that an oral warning and reprimand be administered by the department chairman.
 - (iii) Administer a written record of censure.
- (f) The complainant may take no appeal from these proceedings. The respondent shall have the right of appeal to the provost from either the findings of the college hearing committee or the sanction imposed by the dean.

(2) Complaints alleging incompetence or grave misconduct.

- (a) If no reasonable and adequate grounds are found to support the complaint, the dean shall dismiss the complaint and communicate this disposition in writing to the complainant, respondent, and department chairman. A decision to dismiss the complaint may be appealed to the provost.
- (b) If reasonable and adequate grounds are found to support the complaint, the dean shall refer the matter to the provost.

(D) The provost.

- (1) Appeals to the provost by a respondent from the findings of a college hearing committee or the sanction imposed by a dean in response to a complaint alleging

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failure to meet university responsibilities, shall be dealt with by the provost in accord with the following procedures:

- (a) Upon receiving such an appeal, the provost shall invoke the procedures contained in paragraphs (E) (1) to (E) (5) of this rule. In such appeals, the dean shall function as prosecutor and the hearing panel shall report its findings of fact and its judgment as to the appropriateness of the imposed sanctions to the provost and to the respondent.
 - (b) Upon receiving the report of the hearing panel, the provost may
 - (i) Sustain the sanction,
 - (ii) Impose a lesser sanction, or
 - (iii) Dismiss the complaint and direct that the record be expunged.
 - (c) The provost shall communicate in writing his disposition of the appeal to the respondent, complainant, and dean. No appeal may be taken from the actions of the provost.
- (2) Complaints alleging incompetence or grave misconduct, referred to or appealed to the provost by a dean or a complainant, shall be reviewed by the provost to determine whether reasonable and adequate grounds have been established to support the complaint.
- (a) If it is determined that reasonable and adequate grounds have not been established to support the complaint, the provost shall dismiss the complaint and communicate this disposition in writing to the complainant, respondent, dean and department chairman. No appeal may be taken from such a dismissal by the provost.
 - (b) If a determination is made that reasonable and adequate grounds have been established to support the complaint, the provost shall transmit a written notice of the specific charges to the faculty hearing committee, respondent, and complainant. In proceedings before a hearing panel involving complaints alleging incompetence or grave misconduct, the burden of going forward, the burden of proof, and the responsibility for prosecuting the charge shall be with the provost. The provost may be represented in such proceedings by a designee.
- (E) The faculty hearing committee.
- (1) Within thirty days of receipt from the provost of charges against a respondent, or of an appeal from a respondent as provided for in paragraphs (D) (1) (a) to (D)

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- (1) (c) of this rule, the faculty hearing committee shall convene a hearing panel to consider the complaint. The respondent and the prosecutor may each make one preemptory challenge to the seating of one person on the hearing panel and to the selection of a presiding officer.
- (2) The hearing panel may restrict the attendance of persons at the proceedings; provided, however, that neither the respondent nor the prosecutor shall be denied the right to have one observer of their choosing present at all times.
 - (3) Respondents shall have the right to be represented by legal counsel or any other person of their choice, to examine the evidence and witnesses against them, to present witnesses and evidence on their own behalf, and to refuse to testify or be questioned in the proceedings without prejudice to their cause.
 - (4) The hearing panel shall receive such testimony and other evidence as it deems to be material and relevant to the issues before it.
 - (5) An electronic recording shall be kept of all proceedings before a hearing panel. In addition, a written transcript shall be kept of proceedings dealing with complaints alleging incompetence or grave misconduct.
 - (6) At the conclusion of the proceedings, the hearing panel shall make separate written findings of fact and a recommendation as to a sanction, if any, to be imposed pursuant to paragraph (H) of this rule. Such findings of fact and recommendation, together with a complete transcript of the proceedings, shall be transmitted to the president of the university and to the respondent.
 - (7) If the recommendation of a hearing panel is termination of the respondent, such recommendation shall also state whether the termination should be effective immediately, at the end of the current appointment term, or one year following expiration of the current appointment term.
- (F) The president.

Upon receipt of written findings of fact, a complete transcript of the proceedings, and a recommendation from a hearing panel, the president shall review the matter and:

- (1) Should he disagree with the findings or the recommendation of the hearing panel, or desire consideration of additional evidence, he may remand the matter to the hearing panel along with a written statement of the reasons therefor.

Upon remand of a case, the hearing panel shall supply copies of the president's statement to the provost and the respondent, and shall reopen the proceeding, at the conclusion thereof submitting a supplemental report to the president and to the concerned parties.

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(2) Should he agree with the findings and recommendation of the hearing panel, should he disagree but choose not to remand, or in any event after receiving the supplemental report of the hearing panel, he may:

- (a) Dismiss the complaint; or
- (b) Impose any sanction less than termination, whether or not it accords with the recommendation of the hearing panel; or
- (c) Recommend to the board of trustees termination of the respondent on such terms and conditions as he may deem advisable.

Any decision of the president shall be communicated in writing to the hearing panel and to the respondent.

(G) Board of trustees.

The board of trustees may sustain, revoke, or modify any action taken by the president; accept or reject any recommendation of the president; or, on its own motion, take whatever action under the circumstances it feels to be in the best interest of the university.

- (1) If the president recommends termination, the board may approve the recommendation, disapprove the recommendation and dismiss the complaint, or disapprove the recommendation and modify the sanction subject to paragraph (G) (2) of this rule.
- (2) If the board rejects a recommendation of termination, it shall state its reasons in writing and provide an opportunity for the president, the respondent, and the hearing panel to respond thereto in writing.
- (3) Should the president dismiss a complaint against a respondent, or impose a sanction less than termination, the board, or any committee thereof, may on its own motion review the matter and request written or oral statements of their respective positions from the president, the respondent, and the hearing panel.
- (4) Before imposing a sanction of termination, the board shall give the respondent an opportunity to present to it either in writing or in person reasons why facts as they appear in the record of proceedings do not justify the sanction of termination.

(H) Sanctions applicable to established cases of incompetence or grave misconduct.

Sanctions shall be selected from the following:

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- (1) Recorded censure, administered by the dean of the college or the provost. This sanction shall be applied only in those cases involving unusually strong mitigating circumstances of exceptionally persuasive character.
- (2) Termination of employment, recorded and administered by the provost.

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3335-5-44 Constituent bodies of the senate.

Subject only to the provisions listed below in this paragraph, the representatives to the senate of the administration, of the faculty, and the students shall have the right to meet separately and to organize themselves in whatever manner they shall deem appropriate. As far as the senate is concerned, these bodies represent separate memberships. They may initiate proposals and submit them to the university senate for consideration. The senate, however, shall be independent of these bodies, and its actions shall not need their concurrence nor be subject to their review.

- (A) The members of the administration shall designate to the program committee one person or officer responsible for submitting to the senate those proposals and recommendations which come in the name of the administration.
- (B) The elected faculty representatives to the senate shall constitute the faculty council. The faculty council shall designate to the program committee one person or officer responsible for submitting to the senate those proposals and recommendations which come in the name of the faculty council.
- (C) The student representatives to the senate shall designate to the program committee one person or officer from the undergraduate student government, the council of graduate students, and the inter-professional council, to be responsible for submitting to the senate those proposals and recommendations which come from those respective groups.
- (D) Nothing in the above shall be construed as restricting the right of a principal standing committee or of individual members speaking for themselves to submit proposals for senate action to the program committee, or directly to the senate.

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3335-5-46 Senate committees.

- (A) Organizing committees: the university senate shall have the following four organizing committees:

- (1) Steering committee
- (2) Program committee
- (3) Rules committee
- (4) Elections committee

Election to the organizing committees shall be by the senate upon written nomination submitted at least seven days prior to voting. The president shall nominate members of the administration; the faculty council, the council of graduate students, the inter-professional council, and the undergraduate student assembly shall nominate members of their own constituency.

- (B) Additional committees: in addition to the four organizing committees, the university senate may establish such standing and select committees as it deems necessary or desirable. Except as may be otherwise prescribed by the senate in particular cases, the members of these committees shall be elected by the senate upon written nomination submitted to the membership by the steering committee or by individual members at least seven days prior to voting on those nominations.
- (C) Membership: members of the steering committee, program committee, rules committee and elections committee shall be members of the senate. All other committees of the senate shall include at least one faculty member of the senate.
- (D) Terms of office: student members shall serve one-year terms and be eligible for re-election. Faculty and administration members shall serve two-year terms on organizing committees and, unless otherwise specified in the rules, three-year terms on additional committees.
- (E) Committee chairmen: except where otherwise specified by the senate, each committee shall elect its chairman pro tem in the spring from its continuing membership and a chairman at its first meeting in the autumn quarter.
- (F) Reports of university committees: any university committee composed, in whole or in part, of students or of members of the university faculty (rule 3335-5-19 of the Administrative Code) shall report to the university senate when so requested by the senate.
- (G) Composition and jurisdiction of the organizing committees: the composition and jurisdiction of the four organizing committees of the senate shall be as follows:

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Steering committee

- (H) The steering committee shall consist of thirteen members apportioned as follows: six faculty, one dean, two administrators, and four students. The faculty representatives, three of whom shall be elected each year, and the dean shall be ineligible for immediate re-election. The representatives from the administration shall be the provost and the vice president for business and administration. The (elected) members of the steering committee shall be chosen as follows:
- (1) The faculty membership shall nominate a slate of at least three and no more than six faculty representatives.
 - (2) The representatives of the administration shall nominate at least one and no more than two deans when a new representative is elected.
 - (3) The four student members shall be as follows:
 - The president of the interprofessional council
 - The president of the council of graduate students
 - The president of the undergraduate student government
 - One elected through nomination from the undergraduate student membership of the senate.
- (I) A special meeting of senate members selected to serve the following academic year shall be held in June for the purpose of electing the members of the steering committee, and voting shall be by written ballot. For the period of time beginning with this election and ending with the start of the autumn quarter there will be two steering committees.
- (J) The steering committee shall annually select its chairman from among the six faculty members of the committee.
- (K) The steering committee shall have the following duties and responsibilities:
- (1) It shall be the senate's committee on committees: it shall have the power to call, by a vote of nine of its members, a special meeting of the senate, and shall have such power and duties as the senate may delegate to it during periods when the senate is not in session. It may create subcommittees and may delegate to them any of its powers, functions, and duties.
 - (2) The steering committee shall serve as a channel of communication between the university senate and the president and the board of trustees. Its elected members shall be an advisory group available to both the president and the board of trustees for advice and counsel on any matter relating to the operation and development of the university. After consulting with the president, the elected members of the steering committee may request and obtain a meeting with the board of trustees.

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- (3) The steering committee shall, at the beginning of each year, nominate candidates for election by the senate to membership on those committees for which other means of nomination are not specified in the rules.
- (4) The steering committee shall meet at least once every year with the chairmen of all standing committees.

Program committee

- (L) The program committee shall consist of nine members apportioned as follows: four faculty, three students, one dean, and the secretary of the university faculty. The faculty representatives, two of whom shall be elected each year, and the dean shall be ineligible for immediate re-election.
- (M) The program committee shall serve as continuing liaison between the university senate and the three constituent bodies as well as the university at large. It shall receive proposals for senate action and set the senate's agenda. The agenda shall be mailed to members at least seven calendar days prior to the senate meeting.
- (N) Items referred by committees of the senate, by the faculty membership, by the administration, by the student membership, and by individual senate members shall be scheduled for senate consideration. To keep the agenda manageable, however, the program committee may assign priority to such items and schedule those it deems less urgent for a subsequent senate meeting. Proposals not originating within the senate, its committees, or the constituent bodies may also be placed on the agenda. The program committee is empowered to refer all items to an appropriate committee or body for further study before presentation to the senate.
- (O) With the call for each senate meeting the program committee shall send to members a brief written report outlining proposals referred for further study.
- (P) The program committee shall have the responsibility for seeing that committees report in a timely manner on items referred or as charged by the senate.
- (Q) The program committee shall seek to identify matters of potential concern to the senate and shall have the responsibility for working with the principal standing committees and with other bodies in the coordination and planning of the senate's continuing agenda.

Rules committee

- (R) The rules committee shall consist of ten members apportioned as follows: six faculty, three students, and the secretary of the university faculty. The faculty representatives, three of whom shall be elected each year, shall be ineligible for immediate re-election.

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(S) The rules committee shall have the following functions and responsibilities:

- (1) The committee, in cooperation with the secretary of the university faculty, shall be responsible for the formal supervision of the published "Rules of the University Faculty" and of all statutes and bylaws pertaining to the university senate. It shall keep all published statutes and rules within its purview up to date and shall plan their republication at such intervals as may be desirable. It shall supervise the procedural rules for the university senate and make appropriate recommendations for revision as required.
- (2) Following senate action, the committee shall receive all proposed new rules and changes in existing rules. It shall recommend to the senate such editorial and other changes as it deems appropriate or necessary to avoid conflict with other rules and university regulations. Its recommendations shall be presented for final action at the next regular meeting of the senate. If the committee is unable to report at this time, it shall inform the program committee of the reasons so that they may be included in the program committee's report on items pending but not on the agenda.
- (3) The committee may initiate rules or changes in existing rules and recommend them to the program committee for scheduling for senate action.
- (4) The committee shall review the structure and operation of the university senate. It shall receive suggestions and initiate recommendations for change, as need and advantage may appear. The committee shall have continuing responsibility for assessing the structure, operation, and effectiveness of the senate, without, however, in any way restricting the senate's authority to alter its operation by other means.

Elections committee

(T) The elections committee shall consist of nine members apportioned as follows: one administration member, nominated by the president and elected by the senate; four faculty members; two undergraduate student members; one graduate student member; and one professional student member. The faculty and administration representatives shall be ineligible for immediate re-election.

(U) The elections committee shall have the following duties and responsibilities:

- (1) Reviewing and recommending to the senate changes in the election bylaws,
- (2) Overseeing the implementation of the election bylaws and certifying election results to the senate,
- (3) Hearing appeals concerning election of senate members and making recommendations to the senate on the resolution of such appeals.

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3335-5-47 Committees.

- (A) The university senate shall have the power to designate committees (whether called councils, boards, commissions or committees) from time to time. Membership to these committees shall be elected by the senate from nominations provided by the steering committee unless otherwise specified by these rules or by the senate. The announcements of membership for the year shall be made through the secretary's report. Each committee shall effect its own organization unless a chairman has been designated by these rules or by appointment. Each committee shall elect its chairman pro tem in the spring from its continuing membership and a chairman at its first meeting in the autumn quarter.
- (B) Committees may be special or standing. Standing committees are to be designated in these rules.
- (C) Subject to the board of trustees, all committees shall have such responsibility and authority as assigned by these rules or as assigned by delegation from the senate.

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3335-5-49 The library council.

- (A) The library council shall consist of nine members of the university faculty, one of whom is a member of the senate; the vice president for educational services; the vice provost for research and dean of the graduate school; the director of libraries; one graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students; one professional student appointed by the president of the inter-professional council with the approval of the inter-professional council; and two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. The faculty council shall appoint the nine faculty members for three-year terms, three to retire each year and to be ineligible for reappointment during one year thereafter. The chairman shall be elected from among the faculty members of the library council and he shall report to the university senate.
- (B) The council, in cooperation with the director of libraries, shall formulate the policies governing the operation of the university libraries as an educational and research facility. It shall assist the director in the interpretation of library services to the university community. It shall also assist in the presentation of major library needs to the university administration.
- (C) Reports by this council to the president, other than those made through the university senate, shall be made through the provost.
- (D) The library council is responsible for advising the vice president for educational services on the appointment of a director of libraries.
- (E) When an unexpired term becomes vacant, the vacancy shall be filled in the same manner that the position was previously filled. A member selected to fill such a vacancy shall serve for the duration of the unexpired term.

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3335-5-50 Council on student affairs.

(A) The council on student affairs shall consist of fifteen members as follows:

(1) Eight students to be selected as follows:

- (a) The president of the undergraduate student government.
- (b) The president of the association of women students.
- (c) Two students appointed by the president of the undergraduate student government with the advice and consent of the student assembly.
- (d) Two students to be appointed by the president of the council of graduate students with the advice and consent of that council.
- (e) One student to be appointed by the president of the interprofessional council with the advice and consent of that council.
- (f) One representative student appointed by the president of the freshman senate from the membership of that body.

The six students appointed shall serve one-year terms but shall be eligible for reappointment.

(2) Six elected faculty members, at least two of whom shall be university senate members, chosen by the university senate for three-year terms, two to be chosen each year.

(3) The vice president for student services, who shall vote in case of ties.

- (B) The vice president for student services shall be chairperson of the council and shall report as requested to the president of the university and to the university senate.
- (C) This council shall be the principal liaison council between student government and the faculty and administration. It may recommend to the university senate proposed legislation affecting student life and activities. Its administrative responsibilities shall be expressed through recommendations to the vice president for student services.
- (D) The council shall have the authority to make regulations pursuant to rules of the university faculty, the bylaws, and the statutes, insofar as they pertain to students.
- (E) The council shall have responsibility for the recognition of, and determination of operating procedures for, the publications of all student organizations, but this responsibility may be delegated by this council to any committee recognized by this council.

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- (F) Any group of students desiring to organize and be recognized as a university organization or as a fraternity or sorority of this university shall obtain permission from the council (see rules 3335-11-03 to 3335-11-04 of the Administrative Code), but this responsibility may be delegated by this council to other councils. The council shall require a list of officers and an annual report from every student organization on the activities of the organization.
- (G) Without limiting the generality of the foregoing, the council's jurisdiction shall also extend to rights and responsibilities of students. Other specific responsibilities consistent with the concept of the council as outlined above may be added from time to time by assignment from the vice president for student services.

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3335-5-52 Council on admission and registration.

- (A) The council on admission and registration shall consist of seventeen members chosen as follows:
- (1) Appointed members. Three members of the university faculty shall be appointed by the president for three-year terms. Appointed members shall be eligible for reappointment.
 - (2) Ex officio members. The persons holding the following three titles shall be ex officio members: provost or his designee (who shall serve as chairman of the council); vice president for business and administration or his designee (who shall serve as secretary of the council); and the director of budget and resources planning or his designee.
- Elected members: six faculty, at least three of whom shall be senate members; two undergraduate students; two graduate students; and one professional student elected by the senate.
- (B) It shall be the responsibility of this council to recommend, to the appropriate university offices or to the university senate, depending on the nature of the recommendation, administrative policies governing admission to the university, and student registration. Such recommendations as impinge on academic policies or standards shall be developed in collaboration with the council on academic affairs.
- (C) Reports by this council to the president, other than those made through the university senate, shall be made through the vice president for business and administration.

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3335-5-53 Mershon committee on education in national security.

- (A) The Mershon committee on education in national security shall consist of ten members to be appointed by the president to serve terms as follows: the director of the center shall serve as chairman for the duration of his tenure as director; six faculty members shall be appointed for three-year terms, with two of the six being appointed each year; the chairmen of the ROTC departments shall serve for the duration of their terms as chairmen of their respective departments. Members appointed for three-year terms shall be eligible for reappointment.
- (B) The Mershon committee on education in national security shall function principally in an advisory capacity to the director (see rule 3335-3-38 of the Administrative Code) with respect to the development of a program of education and research in national security which will support and be in harmony with the general educational and research aims of the university. The committee shall be charged with the responsibility of insuring that the program makes a significant and continuing contribution to the university-wide program for education and research in national security.
- (C) This committee shall be responsible for making recommendations to the president regarding the appointment of the director, Mershon center for education in national security, as a vacancy arises. Established university procedures for appointing academic personnel shall be followed.
- (D) Reports by this committee to the president shall be transmitted by the director through the provost.

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3335-5-58 Committee on academic freedom and responsibility.

- (A) The committee on academic freedom and responsibility shall consist of six faculty members of the university senate and two graduate teaching, research, or administrative associates. The faculty membership shall nominate faculty members and the council of graduate students shall nominate four graduate associates from whom the university senate will elect members of the committee on academic freedom and responsibility. Vacancies on the committee shall be filled through election by the university senate with nominations being made from the floor.
- (B) The committee shall
 - (1) Study all conditions which may affect the academic freedom or responsibility of the faculty of the university, including the review of proposed changes in the "Faculty Handbook" and "The Faculty Appointments, Promotions and Tenure." The committee shall report at least once a year, with recommendations when appropriate, to the university senate.
 - (2) Hear and investigate complaints by individual faculty members concerning alleged infringements upon academic freedom or responsibility in the university; report findings and recommendations to the parties involved with the hope of mediating a dispute and report to the university senate if further action by the senate is appropriate.
 - (3) Hear and investigate complaints by individual faculty members concerning alleged improper evaluation under the procedures of rule 3335-5-05 of the Administrative Code.

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3335-5-60 University calendar committee.

- (A) The university calendar committee shall consist of fourteen members as follows:
- (1) Six members of the university faculty for terms of three years. A faculty member completing a full term shall be ineligible for re-election for one intervening year.
 - (2) Four students consisting of two undergraduates (including a senate member), one graduate, and one professional student.
 - (3) The provost or his designee;
 - (4) A representative of the council of deans;
 - (5) The assistant vice president for registration services, or his designee, ex officio;
 - (6) The vice president for personnel services, or his designee, ex officio.
- (B) The university calendar committee shall be advisory to the council of deans on calendar-related matters, and shall:
- (1) Formulate guidelines for the preparation of university calendars to be presented for approval to the senate;
 - (2) Propose the university calendar, following the adopted guidelines, to the council of deans;
 - (3) Study the comparative advantages and disadvantages of the quarter system and alternative systems; and
 - (4) Study the development of improved quarter-end validation procedures.
- (C) The university calendar committee shall report to the university senate at least once a year.

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3335-15-01 Masculine and feminine gender.

In these rules the masculine gender has been used for the sake of convenience. Unless specifically noted, it is to be considered as including the feminine gender in each instance.

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3335-7-23 Alteration of marks.

(A) A mark filed in the office of registration, records and scheduling is a part of the official records of the university. It is not subject to change except upon written authorization of:

- (1) The instructor of the course,
- (2) The instructor's department chairman, if applicable,
- (3) The director of the instructor's school, if applicable,
- (4) The dean of the instructor's college, and
- (5) The authorized representative of the dean or director of the student's enrollment unit.

Such change shall be made only when error has been discovered in evaluation or recording of a grade. In no case will a grade be revised in accordance with criteria other than those applied to all students in the class.

(B) Action to change a grade must be initiated before the end of the second succeeding quarter.

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3335-5-491 Bookstore committee.

- (A) The bookstore committee shall consist of ten members:
 - (1) Three faculty for three-year terms, one of whom shall be a member of the university libraries;
 - (2) Two administration members, appointed by the president for two-year terms;
 - (3) One graduate student;
 - (4) One professional student;
 - (5) Two undergraduate students; and
 - (6) One non-university member, appointed by the president for a two-year term.
- (B) The bookstore committee shall:
 - (1) Work with the bookstore management in the formulation and implementation of bookstore policy.
 - (2) Develop reporting procedures that will demonstrate publicly on a continuing basis that the bookstore is a non-profit organization.

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3335-5-581 Faculty hearing committee.

- (A) The faculty hearing committee shall consist of six members of the regular faculty. Three members shall be elected annually from a slate of six candidates. Each member shall serve a regular two-year term, followed by a one-year term as an alternate.
- (B) The chairman shall select three members of the committee to sit on each hearing panel. If disqualifications or case loading should require their service, alternates may be assigned to hearing panels.
- (C) A member shall be replaced on a hearing panel if there is a relationship to one of the parties or a prior involvement with the issues which may introduce prejudice.
- (D) A hearing panel shall select a person, who need not be a member of the faculty hearing committee, to serve as presiding officer. The presiding officer shall direct the proceedings, rule on matters involving the introduction of evidence, and advise the panel members on such issues of law and procedure as they may deem necessary. The presiding officer, if not a member of the panel, shall not participate in substantive deliberations with the panel nor vote on decisions by the panel.
- (E) The proceedings of a hearing panel shall be conducted according to the specifications listed as follows:
 - (1) Hearings conducted on allegations of incompetence or grave misconduct, or on appeals from findings of failure to meet university responsibilities, or on claims of infringement of constitutional rights in the evaluation process shall follow procedures according to paragraph (E) of rule 3335-5-04 of the Administrative Code.
 - (2) Hearings conducted on complaints of inadequate consideration leading to alleged improper evaluation shall follow procedures according to paragraph (C) (4) of rule 3335-5-05 of the Administrative Code.

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3335-5-591 Legislative affairs committee.

(A) The legislative affairs committee shall consist of seven members:

- (1) Three faculty, for three-year terms;
- (2) One graduate student;
- (3) One professional student;
- (4) One undergraduate student; and
- (5) One administration member, annually appointed by the president.

(B) The legislative affairs committee shall:

- (1) Inform itself on legislative affairs, current or contemplated, that affect higher education in general and the Ohio state university in particular, and to make this information available to the university senate.
- (2) Inform itself, through the senate and otherwise, on student and faculty concerns with respect to such legislative affairs, and to present those concerns to appropriate university officials.
- (3) Serve as an advisory committee on legislative affairs to the office of public affairs.

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3335-5-611 Traffic and parking commission.

(A) The traffic and parking commission shall consist of sixteen members:

- (1) Six faculty, elected for three-year terms;
- (2) One graduate student;
- (3) One professional student;
- (4) Two undergraduate students;
- (5) Three members of the administration; appointed by the president for three-year terms;
- (6) Two staff members (eligible for only B parking permits) elected for three-year terms; and
- (7) The manager of the traffic and parking division, ex officio, non-voting.

(B) The traffic and parking commission shall:

- (1) Recommend to the president, through appropriate administrative channels, ways and means for improving traffic and parking conditions and the administration and enforcement of traffic and parking regulations.
- (2) Report its activities at least annually to the senate.

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3335-7-271 Student substitution of marks.

- (A) An undergraduate student who has received a grade of D+, D, or E in a course or courses taken during his freshman year (the period during which the student accumulates the first 44 credit hours on his official permanent record) may repeat or substitute up to 15 credit hours of such courses subject to the following regulations:
 - (1) The course serving as a repetition or substitute for a course in which a grade of D+, D, or E was received must be recommended by the student's adviser and have the approval of the authorized representative of the dean, or director of the student's enrollment unit, before noon of the third Saturday of the quarter in which the substitute course is taken.
 - (2) The mark received in the repeated or substitute course shall be entered on the student's permanent record and count toward his accumulative point-hour average and credit hours toward graduation. The original course and mark shall remain on the student's permanent record but will not count on his accumulative point-hour average or credit hours toward graduation.
 - (3) Courses repeated or substituted according to this rule shall be completed no later than the end of the quarter during which the student will have accumulated a total of 89 credit hours.
- (B) The graduate school and graduate professional colleges may formulate appropriate modifications of paragraph (A) of this rule, subject to the approval of the council on academic affairs, and publish the rule in their bulletins.

July 21, 1978 meeting, Board of Trustees

**ADMINISTRATIVE AUTHORITY OF PERSONNEL RECOMMENDATIONS
RELATING TO NON-FACULTY (contd)**

WHEREAS under Section 124.11 (A) (7) of the Ohio Revised Code, this Board has the authority to determine which employees and positions are to be part of the unclassified service for the state of Ohio because those employees are engaged in educational, teaching, research or administrative duties; and

WHEREAS there have been recent cases before the State Personnel Board of Review bringing into question the manner in which this Board has previously delegated its authority regarding actions on recommendations for personnel appointments in the unclassified service, and the application of rules and procedures promulgated pursuant to this Board's authority; and

WHEREAS this Board wishes to clarify the administrative authority for development of personnel appointment recommendations of unclassified and classified employees at the University and reaffirm and ratify what has previously been done in this regard by the office of the Vice President for Personnel Services:

NOW THEREFORE

BE IT RESOLVED that the *Bylaws of the Board of Trustees* and the *Rules of the University Faculty* be amended to read as follows:

BY-LAWS of the Board of Trustees

3335-1-03 Administration of the university.

- (N) Vice president for personnel services. The major area of responsibility and authority of the vice president for personnel services shall be that of the administration of the personnel services of the university. Without limiting the generality of the foregoing, the vice president for personnel services shall, under the direction of the president and subject to the approval of the board of trustees, be responsible and have the requisite authority for: benefits administration which includes the various insurance programs for the faculty, staff, and students; classification administration including determining which employees and positions are to be in the unclassified and classified service; professional employment services; staff employment services; employee relations, including negotiating with the labor unions; personnel research and information; compensation administration; payroll; the office for the physically impaired; and the child care program. In addition to the above the vice president for personnel services, along with other members of the staff designated by the president, shall provide such assistance as may be deemed appropriate for the implementation of programs related to affirmative action at the university.

July 21, 1978 meeting, Board of Trustees

**ADMINISTRATIVE AUTHORITY OF PERSONNEL RECOMMENDATIONS
RELATING TO NON-FACULTY (contd)**

RULES of the University Faculty

3335-3-14 Vice President for Personnel Services.

- (A) The vice president for personnel services shall be the executive head of the office of personnel services.
- (B) The major area of responsibility and authority of the vice president for personnel services shall be that of the administration of the personnel services of the university. Without limiting the generality of the foregoing, the vice president for personnel services shall, under the direction of the president and subject to the approval of the board of trustees, be responsible and have the requisite authority for: benefits administration which includes the various insurance programs for the faculty, staff, and students; classification administration including determining which employees and positions are to be in the unclassified and classified service; professional employment services; staff employment services; employee relations, including negotiating with the labor unions; personnel research and information; compensation administration; payroll; the office for the physically impaired; and the child care program. In addition to the above the vice president for personnel services, along with other members of the staff designated by the president, shall provide such assistance as may be deemed appropriate for the implementation of programs related to affirmative action at the university.
- (C) The principal administrative officials of the office of personnel services shall include the assistant vice president; director of employment services; director of staff relations; director of compensation services; director of benefits administration; director of personnel systems and research; director of classification services; director of the office for the physically impaired; director of the child care center; and such other associates as may be authorized from time to time.

BE IT FURTHER RESOLVED that all actions heretofore taken by the Vice President for Personnel Services with regard to determining which employees of the University and positions at the University are to be in the unclassified service pursuant to the authority previously delegated to him are hereby affirmed and ratified.

Upon motion of Mrs. James, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 21, 1978 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT

Resolution No. 79-5

Synopsis: Approval is being requested for awarding degrees and certificates for Summer Quarter Commencement.

WHEREAS pursuant to Paragraph (E) of Rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with Rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on August 31, 1978, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Gushman, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 79-6

Synopsis: Awarding of an honorary degree is being proposed.

WHEREAS the President after consultation with the Steering Committee of the University Senate pursuant to Rule 3335-3-03 of the Administrative Code, has approved for recommendation to the Board of Trustees the awarding of the honorary degree as listed below:

Tom Moody

Doctor of Laws

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with this recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Havens, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 21, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 79-7

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the June 8, 1978 meeting of the Board, including the following Appointments; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles as detailed in the University Budget for 1978-79 be approved.

Appointments

Name: JACK L. BEAL
Titles: Assistant Dean and Professor
College: Pharmacy
Effective: July 1, 1978
Salary: \$36,708.00 (12 months)
Present Position: Professor, College of Pharmacy

Name: SUNDER H. ADVANI
Titles: Professor and Chairman
Department: Engineering Mechanics
Effective: September 1, 1978
Salary: \$41,880.00 (12 months)
Present Position: Professor and Associate Chairman of Graduate Studies,
Department of Mechanical Engineering and Mechanics,
West Virginia University, Morgantown, West Virginia

Name: JOHN S. MCDONALD
Titles: Professor and Chairman
Department: Anesthesiology
Effective: September 1, 1978
Salary: \$49,920.00 (12 months)
Present Position: Professor and Vice Chairman, Department of Anesthesiology; and Professor, Department of Obstetrics and Gynecology, University of Colorado Medical Center, Denver, Colorado

Name: GRANT MORROW, III
Titles: Professor and Chairman
Department: Pediatrics
Effective: September 1, 1978
Salary: \$35,040.00 (12 months)
Present Position: Professor, University of Arizona School of Medicine, Department of Pediatrics, Tucson, Arizona

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: LOREN V. GEISTFELD
Titles: Associate Professor and Chairman, Department of Home Management and Housing (80%); and Associate Professor, Cooperative Extension Service (10%)
Effective: July 1, 1978
Salary: \$26,352.00 (12 months - 90%)
(\$2,928.00 - OARDC 10%)
Present Position: Assistant Professor, Departments of Consumer Sciences and Retailing, and Agricultural Economics, Purdue University, West Lafayette, Indiana

Name: RICHARD D. GILSON
Titles: Associate Professor and Chairman
Department: Aviation
Effective: July 1, 1978
Salary: \$30,120.00 (12 months)
Present Position: Associate Professor, Department of Aviation

Name: J. RONALD GREEN
Titles: Associate Professor and Chairman
Department: Photography and Cinema
Effective: August 1, 1978
Salary: \$38,040.00 (12 months)
Present Position: Adjunct Faculty and Director, Center for Media Study, State University of New York at Buffalo, New York

Name: BARBARA M. NEWMAN
Titles: Associate Professor and Chairman, Department of Family Relations and Human Development (80%); and Associate Professor, Cooperative Extension Service (10%)
Effective: September 1, 1978
Salary: \$26,892.00 (12 months - 90%)
(\$2,988.00 - OARDC 10%)
Present Position: Associate Professor in Psychology, Russell Sage College, Troy, New York

Name: LENA C. BAILEY
Titles: Acting Director and Professor, School of Home Economics (45%); Professor and Chairman, Department of Home Economics Education (45%); and Professor, Cooperative Extension Service (10%)
Effective: July 1, 1978
Salary: \$36,240.00 (12 months)
Present Position: Professor and Chairman, Department of Home Economics Education

July 21, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: ROBERT KAPLAN
Titles: Professor and Chairman
Division: Health Education
Effective: October 1, 1978
Salary: \$30,120.00 (3 quarters)
Present Position: Professor, School of Health, Physical Education and Recreation

Leaves of Absence Without Salary

FRANCILLE M. FIREBAUGH, Associate Dean, College of Agriculture and Home Economics; Director and Professor, School of Home Economics; and Professor, Department of Home Management and Housing and the Cooperative Extension Service, effective August 1, 1978 through August 31, 1979, for personal reasons.

DAGOBERT L. BRITO, Professor, Department of Economics, effective October 1, 1978 through September 30, 1979, to accept a visiting professor position at Rice University.

P. JOHN KOZYRIS, Professor, College of Law, effective October 1, 1978 through December 31, 1978, to visit University of Texas.

WILLIAM MOORE, JR., Professor, Academic Faculty of Educational Administration, effective July 24, 1978 through May 31, 1980, to conduct a two-year special studies project for the University of the District of Columbia, Washington, D. C.

E. HAN KIM, Associate Professor, Academic Faculty of Finance, effective October 1, 1978 through September 30, 1979, to serve as a visiting professor in the Department of Finance at the University of Chicago, Chicago, Illinois.

GEORGE L. STABY, Associate Professor, Department of Horticulture, effective April 16, 1978 through May 16, 1978, to do research at the University of California at Davis.

MICHAEL JAMES ZWETTLER, Associate Professor, Department of Romance Languages and Literatures, effective October 1, 1978 through September 30, 1979, to accept a one-year appointment at the University of California at Berkeley as a visiting associate professor.

KENNETH S. LEE, Assistant Professor, Department of Architecture, effective October 1, 1978 through September 30, 1979, to earn a doctoral degree in architecture at The University of Michigan.

July 21, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

ROMAN THOMAS SKARDA, Assistant Professor, Department of Veterinary Clinical Sciences, effective June 26, 1978 through July 9, 1978, to fulfill military duty in Switzerland.

MICHAEL LEE VISSCHER, Assistant Professor, Department of Economics, effective October 1, 1978 through December 31, 1978, to work on research at the University of Virginia.

SHARON G. FULLERTON, Instructor, University Libraries, effective July 17, 1978 through September 18, 1978, to accept a grant from IREX (International Research and Exchanges Board) to study Bulgarian language in Sofia, Bulgaria.

JEAN M. SWAINO, Instructor, Agricultural Technical Institute, effective June 12, 1978 through July 23, 1978, for personal reasons.

CONNIE LEE SYLVESTER, Instructor, Division of Dental Hygiene, effective October 1, 1978 through September 30, 1979, to pursue an academic program leading to a master's degree.

Professional Improvement Leaves

SIDNEY CHAFETZ, Professor, Department of Art, effective Winter Quarter 1979 and Spring Quarter 1979.

JOHN HSIA, Professor, Department of Mathematics, effective Autumn Quarter 1979, Winter Quarter 1979 and Spring Quarter 1979.

ILSE LEHISTE, Professor, Department of Linguistics, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

ANTHONY MELNIKAS, Professor, Division of History of Art, effective Autumn Quarter 1978, Winter Quarter 1979 and Spring Quarter 1979.

JOHN MITCHELL, Professor, Department of Agricultural Economics and Rural Sociology, effective Spring Quarter 1979 and Summer Quarter 1979.

SOMASUNDARAM ADDANKI, Associate Professor, Department of Pediatrics, effective August 1, 1978 through July 31, 1979.

PHILIP S. PERLMAN, Associate Professor, Department of Genetics, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Emeritus Titles

ROBERT S. GREEN, Department of Architecture, with the title Professor Emeritus, effective July 1, 1978.

July 21, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

WALTER L. STARKEY, Department of Mechanical Engineering, with the title Professor Emeritus, effective July 1, 1978.

CLARIBEL M. TAYLOR, Department of Family Relations and Human Development, with the title Professor Emeritus, effective July 1, 1978.

DOUGLAS C. WILLIAMS, Department of Metallurgical Engineering, with the title Professor Emeritus, effective July 1, 1978.

WERNER L. BECHER, Cooperative Extension Service, with the title Associate Professor Emeritus, effective July 1, 1978.

M. LOUISE MOSES, Cooperative Extension Service, with the title Associate Professor Emeritus, effective June 1, 1978.

MARTHA O. SCHOENLAUB, School of Nursing, with the title Assistant Professor Emeritus, effective July 1, 1978.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-8

Synopsis: The report on contracts, grants and gifts and the summaries for May and June are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the months of May and June, 1978, be approved.

Upon motion of Mr. Devenow, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR MAY 1978

Source	No. of Projects	Support Level
Office of Business and Administration	14	\$4,871,689.45
The Ohio State University Research Foundation	57	2,420,140.00
		\$7,291,829.45
The Ohio State University Development Fund	3,915 Donors	\$ 680,020.78
Establishment of Named Funds		
The Anna Marie Mills Memorial Scholarship Fund (College of Social Work)		\$ 16,000.00
The Jean Wills Memorial Scholarship Fund (College of Social Work)		16,000.00
The Ralph E. Bender Scholarship Fund (Department of Agricultural Education)		6,320.00
Roy H. Bowen Scholarship Fund (Department of Theatre)		5,000.00
The Richard and Leonora Hill Endowment for Optometry (College of Optometry)		1,000.00

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR JUNE 1978

Source	No. of Projects	Support Level
Office of Business and Administration	7	\$ 183,970.75
The Ohio State University Research Foundation	116	7,306,973.14
The Engineering Experiment Station	3	111,463.00
		\$7,602,406.89
The Ohio State University Development Fund	7,035 Donors	\$ 586,792.11
Establishment of Named Funds		
The Martha Nelson Lewis Lecture Fund (Honorarium and travel for Lecturers)		\$ 5,080.00
The Department of Surgery Research and Education Fund (Projects and programs in the Department of Surgery)		5,000.00
Douglas C. Williams Scholarship Fund in Metallurgical Engineering (Undergraduate students in Department of Metallurgical Engineering)		5,000.00

July 21, 1978 meeting, Board of Trustees

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$2,295,333.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Student Financial Assistance, Washington, D. C., College Work Study Program, Student Financial Aids (R. Harrison), July 1, 1978 through June 30, 1979. (Appropriation No. 758/00260)

\$2,163,198.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Student Financial Assistance, Washington, D. C., National Direct Student Loan Program, Student Financial Aids (R. Harrison), July 1, 1978 through June 30, 1979. (Appropriation No. 7580260)

\$302,884.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Student Financial Assistance, Washington, D. C., Supplemental Educational Opportunity Grants Program, Student Financial Aids (R. Harrison), July 1, 1978 through June 30, 1979. (Appropriation No. 758/90260)

\$26,184.00 - Department of Justice, Federal Bureau of Prisons, National Institute of Corrections, Washington, D. C., Conduct Training Jail Trainers Workshop, The National Center for Research in Vocational Education (R. E. Taylor), May 16, 1978 through July 31, 1978.

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$4,787,599.00
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State of Ohio Research Contracts/Grants

\$14,885.00 - State of Ohio, Department of Education, Columbus, Ohio, Standards for Colleges and Universities Preparing Teachers, College of Education (F. R. Cyphert), July 1, 1977 through June 30, 1978.

\$9,218.00 - State of Ohio, Commission on Aging, Columbus, Ohio, Ohio Network of Educational Consultants--Meetings, Mansfield Regional Campus (D. L. Clark), October 1, 1977 through September 30, 1978. (Contract No. 78-OCO-A-113)

\$3,750.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Workshop--Development of a Career Decision Making Model for OWA Programs, College of Education, Academic Faculty of Vocational-Technical Education (N. E. Vivian), Summer Quarter 1978.

\$3,699.00 - State of Ohio, Commission on Aging, Columbus, Ohio, Ohio Network of Educational Consultants--Annual Conference, Mansfield Regional Campus (D. L. Clark), February 1, 1978 through September 30, 1978. (Contract No. 78-OC-114)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$3,600.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Soil and Water Conservation and Agricultural Pollution Abatement lecture and advisory program, Department of Agronomy (B. L. Schmidt), July 1, 1978 through June 30, 1979.

\$3,071.45 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Develop Achievement Tests and Occupational Analyses in the Vocation Services Areas of Agricultural Education, Business and Office Education, Distributive Education and Home Economics Education, College of Education, Academic Faculty of Vocational-Technical Education (A. J. Miller), May 1, 1977 through June 30, 1978.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$38,223.45**

Other Non-Federal Research Contracts/Grants

\$31,945.00 - Philadelphia Public Schools, Philadelphia, Pennsylvania, for providing a continuing organizational structure to facilitate the development and implementation of career education in the member school districts in the Alliance for Career and Vocational Education, The Center for Vocational Education (R. E. Taylor), October 1, 1977 through June 30, 1978.

\$9,043.00 - Millersville State College, Millersville, Pennsylvania, Teacher Educators Module Development Workshops (May 8 and 9, 1978 at Lancaster, Pennsylvania and May 11 and 12, 1978 at Warrendale, Pennsylvania), The National Center for Research in Vocational Education (R. E. Norton), May 5, 1978 through June 30, 1978. (No. 668814)

\$4,000.00 - World Health Organization, Geneva, Switzerland, Support to WHO Collaborating Center on Biological Control of Vectors of Human Disease, Department of Entomology (J. D. Briggs), for the year 1978.

\$879.00 - Edison Board of Education, Edison, New Jersey, Consultant Services for April 10, 1978 Workshop--New Jersey Department of Education, The National Center for Research in Vocational Education (D. Farmer), April 1, 1978 through April 30, 1978. (No. 48501)

TOTAL - OTHER NON-FEDERAL RESEARCH
CONTRACTS/GRANTS **\$45,867.00**

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$487,050.00 - Environmental Protection Agency, Region V, Chicago, Illinois, Lake Erie Nearshore Surveillance Program (Western Branch), Center for Lake Erie Area Research, College of Biological Sciences (C. E. Herdendorf), 1 April 1978 through 31 March 1979. (Project 711105 - New)

\$164,583.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma Program, Department of Medicine (S. P. Balcerzak), 1 March 1978 through 28 February 1979. (Project 711045 - Continuation)

\$114,964.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Regional Ambulatory Oncology Program, College of Medicine (J. B. Battles) and Cancer Research Center, Office of Health Sciences (A. F. LoBuglio), 1 May 1978 through 30 April 1979. (Project 711124 - Continuation)

\$102,158.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study of the Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 1 May 1978 through 30 April 1981. (Project 711153 - New)

\$87,597.00 - Environmental Protection Agency, Washington, D. C., Effects of Sized Asbestos Fibers on Cellular DNA, Membrane Structure-function, Intermediary Metabolism and Cellular Transformation by Physical, Chemical or Viral Carcinogen, Department of Radiology (R. W. Hart), 15 April 1978 through 14 April 1979. (Project 711108 - Continuation)

\$79,009.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Electrical Transport and Optical Properties of Random Small Particle Composites, Department of Physics (J. C. Garland), 1 July 1978 through 30 June 1979. (Project 711112 - New)

\$65,877.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria, Department of Physiological Chemistry (K. E. Richardson), 1 June 1978 through 31 May 1979. (Project 711137 - Continuation)

\$65,800.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Fundamental Studies of Metal Fluorination Reactions, Department of Metallurgical Engineering (R. A. Rapp), 1 May 1978 through 30 April 1979. (Project 711114 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$65,000.00 - National Science Foundation, Washington, D. C., Resource Patterns and the Structure of Social Systems, Department of Zoology (J. F. Downhower), 1 July 1978 through 30 April 1980. (Project 784391 - Continuation)

\$58,978.00 - National Science Foundation, Washington, D. C., Serial Relations: Research and Theory on Dynamic Context Effects, Department of Psychology (M. R. Jones), 1 May 1978 through 30 April 1979. (Project 711120 - New)

\$48,975.00 - Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, Center for Lake Erie Area Research, College of Biological Sciences (C. E. Herdendorf), 3 June 1977 through 14 June 1978. (Project 710447 - Continuation)

\$47,641.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Development of New Methods to Assay Enzyme Reactions, College of Pharmacy (C. L. Olson), 1 May 1978 through 30 April 1979. (Project 711121 - Continuation)

\$47,000.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry (G. Fraenkel), 1 July 1978 through 30 June 1979. (Project 784444 - Continuation)

\$46,800.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Public Service Education, Title IX, HEA 1965 Fellowship Award Application of OSU Schools of Public Administration, School of Public Administration (C. V. Oster), 1 September 1978 through 31 August 1979. (Project 711133 - Continuation)

\$46,734.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on *In Vivo* Growth of Staphylococci, Department of Medical Microbiology (F. A. Kapral), 1 June 1978 through 31 May 1979. (Project 711155 - Continuation)

\$43,199.00 - National Science Foundation, Washington, D. C., Collaborative Research on Dynamic Strategy Models for International Economic Policy, Department of Economics (D. L. Brito), 15 May 1978 through 31 May 1980. (Project 711142 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$41,881.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Phytochemistry of the Genus *Thalictrum*, College of Pharmacy (J. L. Beal), 1 June 1978 through 31 May 1979. (Project 711125 - Continuation)

\$41,870.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Iris Pigmentation, Melanins and Ocular Drug Effects, College of Pharmacy (P. N. Patil), 1 June 1978 through 31 May 1979. (Project 711134 - Continuation)

\$39,683.00 - National Science Foundation, Washington, D. C., Investigations of Ferrar Group Rocks from South Victoria Land, Institute of Polar Studies, Graduate School and Department of Geology and Mineralogy (D. H. Elliot and P. R. Kyle), 1 May 1978 through 30 April 1979. (Project 711152 - New)

\$38,198.00 - Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter), 1 March 1978 through 31 July 1978. (Project 784508 - Continuation)

\$34,972.00 - National Science Foundation, Washington, D. C., Analysis of Miwok Languages and Reconstruction of Proto Miwok, Department of Linguistics (C. A. Callaghan), 15 May 1978 through 31 May 1980. (Project 711143 - New)

\$33,982.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Protein Structure-Function, Pheromones in Lower Plants, Department of Chemistry (M. H. Klapper), 1 June 1978 through 31 May 1979. (Project 711135 - Continuation)

\$33,279.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Effects of Dietary Change of Phospholipid Metabolism, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1978 through 30 April 1979. (Project 711122 - Continuation)

\$32,455.00 - Department of Commerce, Office of Economic Research, Economic Administration, Washington, D. C., The Establishment, Migration and Closure of Urban Firms: Determinants and Implications for Urban/Regional Policy, Department of City and Regional Planning, School of Architecture (B. V. Rabenau), 1 October 1978 through 30 June 1979. (Project 711130 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,749.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Nonparametric Partially Sequential Procedures, Department of Statistics (D. A. Wolfe), 1 June 1978 through 31 May 1979. (Project 711136 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Study of GEOS-C Altimeter Data in Order to Improve Existing Gravity Models, Department of Geodetic Science (R. H. Rapp), 15 May 1978 through 15 February 1979. (Project 711118 - New)

\$28,057.00 - National Science Foundation, Washington, D. C., Symmetries of Finite Dimensional Normed Spaces, Department of Mathematics (D. R. Lewis and Y. Gordon), 1 July 1978 through 30 June 1980. (Project 784733 - Continuation)

\$27,514.00 - National Science Foundation, Washington, D. C., Paleomagnetic Investigation of Some Mesozoic and Cenozoic Rocks of the Antarctic Peninsula, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot and W. J. Zinsmeister), 1 June 1978 through 31 October 1979. (Project 784744 - Continuation)

\$25,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Aviation (R. D. Gilson) and Department of Psychology (R. J. Jagacinski), 1 February 1978 through 30 June 1978. (Project 784511 - Continuation)

\$25,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Conduction Heat Transfer Analysis in Composite Materials, Department of Mechanical Engineering (L. S. Han), 1 July 1978 through 28 February 1979. (Project 711129 - New)

\$24,946.00 - National Aeronautics and Space Administration, Washington, D. C., Support of the Symposium on Solar-Terrestrial Climatic Relationships, Engineering Experiment Station, College of Engineering (T. A. Seliga), 15 May 1978 through 15 November 1979. (Project 711132 - New)

\$20,000.00 - National Science Foundation, Washington, D. C., Cell-division Patterns During Spore Germination in Ferns, Department of Botany (V. Raghavan), 1 June 1978 through 31 May 1980. (Project 711149 - New)

\$20,000.00 - National Science Foundation, Washington, D. C., A Novel Approach to the Regiospecific Construction of Anthracycline Ring Systems, Versatile Synthons for Benzoquinone and Naphthoquinone Carbanions, Department of Chemistry (J. S. Swenton), 1 September 1978 through 31 August 1979. (Project 710732 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$19,215.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Techniques for the Analysis of Terrestrial and Satellite Data for the Determination of the Earth's Gravitational Field, Department of Geodetic Science (R. H. Rapp), 1 April 1978 through 31 December 1978. (Project 783210 - Continuation)

\$17,313.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Establish Viral Reagent Testing Laboratory, Department of Medical Microbiology (J. H. Hughes and V. V. Hamparian), 16 August 1978 through 15 August 1979. (Project 784505 - Continuation)

\$17,000.00 - National Science Foundation, Washington, D. C., Liftings of Quadratic Lattices and Modular Forms, Department of Mathematics (P. Ponomarev), 1 July 1978 through 30 June 1980. (Project 784459 - Continuation)

\$16,000.00 - National Science Foundation, Washington, D. C., Environmental History of Toolik Lake and Toolik Drainage, Arctic Lake Process Studies (ALPS), Institute of Polar Studies and Department of Zoology (P. A. Colinvaux), 1 May 1978 through 30 April 1979. (Project 711117 - New)

\$8,400.00 - National Science Foundation, Washington, D. C., Weil Representation and Applications to the Lifting Problem, Department of Mathematics (S. Rallis), 1 July 1978 through 30 June 1979. (Project 711115 - New)

\$2,603.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Structure and Function of Heart Mitochondria, Department of Surgery (C. D. Stoner), 1 May 1978 through 30 April 1979. (Project 710307 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$2,180,482.00**

State of Ohio Research Contract/Grant

\$7,997.00 - State of Ohio, Department of Education, Driver Education Section, Columbus, Ohio, Teacher Preparation Instruction in Driver Education for the Handicapped, The Center for Vocational Education (R. E. Taylor), 27 April 1978 through 30 September 1978. (Project 711139 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$69,606.00 - Battelle-Columbus Laboratories, Columbus, Ohio, Large Animal Pre-clinical Evaluations of Pharmacodynamic Effects of Antineoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology (R. L. Hamlin), 1 October 1978 through 31 October 1978. (Project 784155 - Continuation)

\$31,000.00 - Leukemia Society of America, Inc., New York, New York, Direct Identification and Purification of the Murine Pluripotent Stem Cell, Department of Anatomy (R. L. St. Pierre and J. A. Filppi), 1 July 1978 through 30 June 1980. (Project 711131 - New)

\$22,550.00 - American Heart Association, Inc., Dallas, Texas, CO Distribution of Sub-Lethal Levels in the Heart, Department of Physiological Chemistry (J. O. Alben), 1 July 1978 through 30 June 1979. (Project 711140 - New)

\$15,000.00 - American Otological Society, San Diego, California, Cytochemistry and Mineralization of Otosclerotic Stapes, Department of Otolaryngology (D. J. Lim), 1 July 1978 through 30 June 1979. (Project 711127 - Continuation)

\$15,000.00 - Paralyzed Veterans of America, Washington, D. C., Spinal Cord Injury State After Trauma, Department of Surgery (D. Yashon), 1 July 1978 through 30 June 1979. (Project 710546 - Continuation)

\$13,200.00 - American Heart Association, Inc., Dallas, Texas, Hemodynamic Testing of Prosthetic Heart Valves, Department of Surgery (J. F. Cornhill), 1 July 1978 through 30 June 1979. (Project 711141 - New)

\$10,420.00 - World Health Organization, Geneva, Switzerland, Establishment of an Integrated System for the Characterization of Microsporidian Parasites, Department of Entomology (J. D. Briggs), 1 January 1978 through 31 December 1978. (Project 710916 - New)

\$10,000.00 - United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1978 through 31 March 1979. (Project 783911 - Continuation)

\$10,000.00 - Central Ohio Lung Association, Columbus, Ohio, School Health Curriculum Project Workshop - Berkeley Model, Department of Health, Physical Education and Recreation (P. Heit), 1 April 1978 through 31 March 1979. (Project 711116 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$9,528.00 - Grey Advertising, Inc., New York, New York, A Study of Attitudes Toward the Role of Women in the Military, Academic Faculty of Marketing (J. L. Ginter), 15 May 1978 through 30 September 1978. (Project 711151 - New)

\$7,000.00 - Astra Lakemedel AF, Sodertalje, Sweden, A Novel Tropical Drug Delivery System, College of Pharmacy (S. G. Frank), 1 May 1978 through 30 April 1979. (Project 711071 - New)

\$5,554.00 - National Joint Painting, Decorating and Drywall Apprenticeship and Training Committee, Washington, D. C., Seminar for Apprenticeship Master Craftsmen Instructors, Center for Vocational Education (R. E. Taylor), 1 May 1978 through 31 August 1978. (Project 711113 - New)

\$5,000.00 - World Health Organization, Geneva, Switzerland, Development of *In Vitro* Production of Insect Pathogens in Invertebrate Cell Lines, Department of Entomology (W. F. Hink), 1 January 1978 through 31 December 1978. (Project 711146 - New)

\$2,953.00 - Maple Heights School District, Maple Heights, Ohio, An Evaluation of Elementary School Facilities, Department of Educational Administration (R. O. Nystrand), 1 April 1978 through 30 June 1978. (Project 711123 - New)

\$2,500.00 - Social Science Research Council, New York, New York, Regional Seminars on the History of Interfaith Relations in the Middle East, University Center for International Studies, Office of Academic Affairs (C. V. Findley), 1 September 1978 through 30 June 1978. (Project 711128 - New)

\$1,400.00 - Medical Incorporated, Inver Grove Heights, Minnesota, Evaluation of the Interface Transfusion Blood Filter, Department of Surgery (J. F. Cornhill), 1 May 1978 through 31 July 1978. (Project 711126 - New)

\$950.00 - National Alliance of Businessmen, Washington, D. C., Career Guidance Institute, Academic Faculty of Special Services (H. J. Peters), 12 January 1978 through 31 August 1978. (Project 711111 - New)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-
FEDERAL RESEARCH CONTRACTS/GRANTS**

\$231,661.00

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$108,570.00 - Estate of Lee D. Moody, Springfield, Ohio, for The Lee D. Moody Scholarship Fund.

\$50,000.00 - SDRC (Structural Dynamics Research Corporation), Cincinnati, Ohio, for the SDRC Fund.

\$25,000.00 - Public Welfare Foundation, Inc., Washington, D. C., for the Everett D. Reese Arthritis Research Fund.

\$23,670.00 - Merrell-National Laboratories, Cincinnati, Ohio, for the Clinical Pharmacology Fund.

\$16,700.00 - Arby's Inc., Youngstown, Ohio (given in the names of Ralph Bharati & Chuck Hofsass), for the Animal Science Special Fund.

\$9,732.00 - Dade Division American Hospital Supply Corporation, Miami, Florida, for the Department of Veterinary Clinical Sciences Blood Coagulation Research Fund.

\$8,826.86 - Student Auditing Fund, Columbus, Ohio, for the WOSR Support Fund.

\$7,723.89 - Systems Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$7,000.00 - Jeffrey Manufacturing Division, Dresser Industries, Inc., Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$6,125.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, for the Infectious Disease Research Fund.

\$6,040.00 - Nationwide Mutual Insurance Company, Columbus, Ohio, for the WOSU Support Fund.

\$5,498.24 - Hematology Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$5,250.00 - Landmark, Inc. (given in the name of Fred McLaughlin), Columbus, Ohio, \$1,500 for Student Athlete Grant-in-Aid Fund; \$750 for Landmark Scholarship Fund; \$500 for Foundation Seed; \$500 for Landmark Dairy Science Scholarship; \$500 for Landmark Poultry Science Scholarship; \$500 for Landmark Scholarship for Agronomy; \$500 for Landmark Scholarship for Agricultural Education; and \$500 for Landmark Animal Science Award.

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$5,000.00 - Beecham Laboratories, Bristol, Tennessee, for the Clinical Pharmacology Fund.

\$5,000.00 - Estate of James J. McKitterick, Jackson, Ohio, for the James J. McKitterick Fund, to support the Mining Engineering Program in the Department of Civil Engineering.

\$5,000.00 - The Huntington National Bank, Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Robert H. Wolfe, Columbus, Ohio, for the Judson D. Wilson Professorship in Orthopedic Surgery.

\$5,000.00 - Miss Pamela Jo Young, Sherman Oaks, California, for the College of Medicine Progress Fund.

Establishment of Named Funds

The Anna Marie Mills Memorial Scholarship Fund

The Anna Marie Mills Memorial Scholarship Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mr. Nelson A. Mills, Jr., in memory of his wife, Anna Marie Mills, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for approved candidates for a Master's Degree in Social Work, who are residents of the State of Ohio. The scholarship award shall be used exclusively for tuitions and the students chosen should have demonstrated academic ability as well as need for financial assistance. The selection of the recipient(s) is to be made upon the recommendation of the College Financial Aid Committee in consultation with the Dean of the College of Social Work.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for social work education.

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Jean Wills Memorial Scholarship Fund

The Jean Wills Memorial Scholarship Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mr. Nelson A. Mills, Jr., in memory of his friend, Jean Wills, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for approved candidates for a Master's Degree in Social Work, who are residents of the State of Ohio. The scholarship award shall be used exclusively for tuitions and the students chosen should demonstrate academic ability as well as need for financial assistance. The selection of the recipient(s) is to be made upon the recommendation of the College Financial Aid Committee in consultation with the Dean of the College of Social Work.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for social work education.

The Ralph E. Bender Scholarship Fund

The Ralph E. Bender Scholarship Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and associates of Dr. Ralph E. Bender, (B.S. '33, M.A. '41, Ph.D. '47), upon his retirement from the University after 45 years of service, including 30 years as Chairman of the Department of Agricultural Education.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a scholarship for a freshman or undergraduate student who has demonstrated academic ability and/or need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Agricultural Education Scholarship Committee to the University Scholarship Committee. Preference is to be given to students enrolling in the Department of Agricultural Education.

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Agricultural Education.

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Roy H. Bowen Scholarship Fund

The Roy H. Bowen Scholarship Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from students, colleagues and friends of Roy H. Bowen, (B.A., Otterbein College, 1933; M.A., Northwestern University, 1940; Ph.D., Ohio State University, 1951).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students who have demonstrated exceptional talent and ability in theatre. The selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Theatre and the Dean of the College of The Arts.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for theatre education/training.

The Richard and Leonora Hill Endowment for Optometry

The Richard and Leonora Hill Endowment for Optometry was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Richard M. Hill.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal is to be used to support research in the College of Optometry as determined by the Dean of the College of Optometry. If the funds for research in the College are so ample that other purposes for the income of this endowment are possible, the Dean is authorized to use the income in any way which will improve the excellence of the College of Optometry.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Optometry.

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$87,114.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland, Health Professions Student Loan, College of Veterinary Medicine (Student Financial Aids--R. J. Harrison), July 1, 1978 through June 30, 1979. (I.D. No. 5L390083-79, Former No. 7 7 45 0430 15 1)

\$38,606.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland, Health Professions Student Loan, College of Optometry (Student Financial Aids--R. J. Harrison), July 1, 1978 through June 30, 1979. (I.D. No. 5L390077-79, Former No. 4 7 45 0430 15 1)

\$20,000.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland, Health Professions Student Loan, College of Pharmacy (Student Financial Aids--R. J. Harrison), July 1, 1978 through June 30, 1979. (I.D. No. 5L390079-79, Former No. 5 7 45 0430 15 1)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$145,720.00**

State of Ohio Research Contract/Grant

\$22,289.00 - Ohio - State of, Department of Education, Division of Vocational Education, Agricultural Education Service, Columbus, Ohio, Technical Workshops in Vocational Education in Agriculture, College of Agriculture and Home Economics, Department of Agricultural Education (R. Bender), July 1, 1978 through June 30, 1979.

Other Non-Federal Research Contracts/Grants

\$7,707.00 - Millersville State College, Millersville, Pennsylvania, Millersville State College Workshop--Phase II, The National Center for Research in Vocational Education (R. E. Norton), July 1, 1978 through September 30, 1978.

\$6,254.75 - Wyoming - State of, Department of Education, Cheyenne, Wyoming, Wyoming Rural Guidance Workshop, The National Center for Research in Vocational Education (H. Drier), June 1, 1978 through June 30, 1978.

\$2,000.00 - City of New York, Center for Career and Occupational Education, Brooklyn, New York, for assisting the Office of Career Education, New York City Public Schools to plan a career guidance program for guiding students into two occupational training courses, The Center for Vocational Education (B. Fitch), July 1, 1977 through June 30, 1978.

TOTAL-- OTHER NON-FEDERAL RESEARCH
CONTRACTS/GRANTS **\$15,961.75**

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$917,205.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Eighteen Month Work Plan for a Long Range Plan for Research and Development, The Center for Vocational Education (R. E. Taylor), 1 June 1978 through 30 November 1978. (Project 761151 - New)

\$800,075.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation (G. E. Martin), 1 July 1978 through 30 June 1979. (Project 711225 - Continuation)

\$547,345.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (H. S. Parnes), 1 October 1978 through 30 September 1979. (Project 783489 - Continuation)

\$162,676.00 - Department of Health, Education and Welfare, Office of Human Development, Region V, Developmental Disabilities Office, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1978 through 29 June 1979. (Project 711205 - Continuation)

\$148,177.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Parole in the United States: An Assessment, School of Public Administration (H. E. Allen), 1 June 1978 through 31 May 1979. (Project 711171 - New)

\$145,772.00 - Department of the Army, Buffalo District, Corps of Engineers, Buffalo, New York, A Shoreline Inventory of the Lake Erie Shoreline and Selected Reaches of Navigable Rivers in the State of Ohio, Department of Civil Engineering (K. W. Bedford) and Center for Lake Erie Area Research, College of Biological Sciences (C. E. Herdendorf), 16 May 1978 through 30 June 1979. (Project 711138 - New)

\$139,492.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1978 through 30 June 1979. (Project 711212 - Continuation)

\$115,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., A Parent-Child Interaction Model for Assessment and Training of Severe Language Within the Natural Environment: A Demonstration Project with M. R. Children, Nisonger Center for Mental Retardation (J. MacDonald), 1 July 1978 through 30 June 1979. (Project 711261 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$114,186.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Ohio Quality of Work Project, Academic Faculty of Labor and Human Resources (D. M. Ronchi), 1 June 1978 through 31 May 1979. (Project 711178 - Continuation)

\$113,592.00 - Environmental Protection Agency, Washington, D. C., Limnological Investigations of Water Quality and Fish Larvae in Lake Erie, Center for Lake Erie Area Research, College of Biological Sciences (C. E. Herdendorf), 15 June 1978 through 14 June 1979. (Project 711230 - Continuation)

\$107,377.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Early Infant Intervention Through Parent Interaction, Nisonger Center for Mental Retardation (M. F. Chase), 1 July 1978 through 30 June 1979. (Project 711220 - Continuation)

\$106,482.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Development of Effective Therapy for Sickle Cell Disease, Department of Medicine (S. P. Balcerzak), 26 July 1978 through 25 July 1979. (Project 783478 - Continuation)

\$101,826.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1978 through 31 May 1979. (Project 711166 - Continuation)

\$100,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics Research with a 7 MV Van de Graaff Accelerator, Department of Physics (H. J. Hausman, S. L. Blatt, R. N. Boyd, and T. R. Donoghue), 1 November 1978 through 31 October 1979. (Project 784738 - Continuation)

\$97,386.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 July 1978 through 30 June 1979. (Project 711256 - Continuation)

\$96,502.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Delivery of Mental Health Services in Disasters, Department of Sociology (E. L. Quarantelli, V. A. Taylor), 1 June 1978 through 31 May 1979. (Project 711161 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$93,776.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Biomedical Computing and Information Processing, Medicine Administration (G. L. Trzebiatowski), 1 July 1978 through 30 June 1979. (Project 711159 - New)

\$90,997.00 - National Science Foundation, Washington, D. C., Establishment of a Bacillus Genetic Stock Center, Department of Microbiology (D. H. Dean), 1 July 1978 through 30 June 1980. (Project 711287 - New)

\$90,000.00 - National Science Foundation, Washington, D. C., Ferromagnetic Resonance in Complex Magnetic Systems, Department of Physics (P. E. Wigen), 1 July 1978 through 30 June 1980. (Project 711277 - New)

\$78,545.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Control of Macrophage Function by cAMP/cGMP in Neoplasia, Department of Medicine (M. S. O'Dorisio), 1 July 1978 through 30 June 1979. (Project 711252 - Continuation)

\$77,289.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Factors Modifying Blood Platelet Function in Diabetics, Department of Physiological Chemistry (H. W. Sprecher), 1 July 1978 through 30 June 1979. (Project 711207 - Continuation)

\$75,563.00 - National Science Foundation, Washington, D. C., Properties of Axiomatic Data Specification, Department of Computer and Information Science (D. J. Moore), 1 June 1978 through 31 May 1980. (Project 711217 - New)

\$74,900.00 - National Science Foundation, Washington, D. C., Synthesis and Rearrangement Reactions of Novel Alicyclic Hydrocarbons, Department of Chemistry (L. A. Paquette), 1 September 1978 through 31 August 1979. (Project 784519 - Continuation)

\$71,104.00 - National Science Foundation, Washington, D. C., The Distributed Loop Computer Network, Department of Computer and Information Science (M. T. Liu), 1 June 1978 through 31 May 1980. (Project 711180 - New)

\$70,548.00 - ACTION, Washington, D. C., Training Peace Corps Volunteers for Tunisia, The Center for Vocational Education (R. E. Taylor and B. A. Reinhart) and Department of Romance Languages and Literatures (D. E. Corbin), 24 May 1978 through 18 August 1978. (Project 761125 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$69,891.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Advanced Psychiatric - Mental Health Nursing, School of Nursing (G. M. Sills), 1 July 1978 through 30 June 1979. (Project 711276 - Continuation)

\$65,603.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Graduate Training in Clinical Psychology, Department of Psychology (J. D. Nolan), 1 July 1978 through 30 June 1979. (Project 711182 - Continuation)

\$64,757.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Interdisciplinary Research Project on Sliding Wear, Department of Metallurgical Engineering (D. A. Rigney), 10 June 1978 through 9 June 1980. (Project 711174 - New)

\$62,500.00 - National Science Foundation, Washington, D. C., Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 August 1978 through 31 July 1979. (Project 711200 - New)

\$61,510.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Methodologies for Computer Program Testing, Department of Computer and Information Science (B. Chandrasekaran and L. J. White), 1 July 1978 through 30 June 1979. (Project 784741 - Continuation)

\$60,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., A Proposal for Developing and Implementing Major Curricular Modifications to Prepare Personnel in Accordance with the Requirements of P. L. 94-142, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1978 through 31 May 1979. (Project 711157 - Continuation)

\$59,327.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Hematology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1978 through 30 June 1979. (Project 711248 - Continuation)

\$56,289.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Predoctoral Training in Medicinal Chemistry, College of Pharmacy (D. T. Witiak), 1 July 1978 through 30 June 1979. (Project 711148 - Continuation)

July 21, 1978 meeting, Board of Trustees ,

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$55,672.00 - National Science Foundation, Washington, D. C., Acquisition of a Transmission Electron Microscope, Department of Botany (G. L. Floyd and T. N. Taylor), 1 June 1978 through 31 May 1980. (Project 711257 - New)

\$51,956.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Soil-Landform Interactions in Wet Arctic and Alpine Tundras Along a Regional Climatic Gradient, Institute of Polar Studies, Graduate School (K. R. Everett), 15 July 1978 through 14 July 1979. (Project 784494 - Continuation)

\$50,352.00 - National Science Foundation, Washington, D. C., Spatial Competence Based on Environmental Cue Selection, Department of Geography (J. N. Rayner) and College of Social Work (J. J. Parnicky), 1 May 1978 through 30 April 1979. (Project 711173 - New)

\$50,000.00 - Department of the Air Force, Headquarters, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, TVCM Effects, Department of Electrical Engineering, ElectroScience Laboratory (J. Meadors), 16 April 1978 through 30 September 1978. (Project 711096 - New)

\$49,962.00 - Environmental Protection Agency, Washington, D. C., Chlorinated Hydrocarbons: Insecticide vs. Carcinogenic Action, Department of Radiology (R. W. Hart); College of Pharmacy (N. J. Lewis); and Department of Entomology (W. J. Collins), 18 July 1978 through 17 July 1979. (Project 760756 - Continuation)

\$49,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for Handicapped, Washington, D. C., Special Education Component in University-Affiliated Program for Preparing Personnel from a Variety of Disciplines to Deal with Problems, Nisonger Center for Mental Retardation (V. W. Cotter), 1 July 1978 through 31 May 1979. (Project 711167 - Continuation)

\$48,998.00 - National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1978 through 30 June 1979. (Project 711251 - New)

\$49,800.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Translation of Phrase-Structured Programming Languages, Department of Computer and Information Science (H. W. Buttelmann), 30 June 1978 through 30 June 1979. (Project 784151 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$48,000.00 - National Science Foundation, Washington, D. C., Low Temperature Transport Phenomena in Metals, Department of Physics (J. C. Garland), 1 July 1978 through 30 June 1979. (Project 711266 - New)

\$47,889.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Molecules of Biological Interest, Department of Chemistry (P. D. Magnus), 1 July 1978 through 30 June 1979. (Project 711253 - New)

\$47,121.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 July 1978 through 30 June 1979. (Project 711258 - New)

\$45,800.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunobiologic Responses of the Cat to Feline Oncornaviruses, Department of Veterinary Pathobiology (R. G. Olsen), 30 June 1978 through 15 September 1978. (Project 784227 - Continuation)

\$45,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., (Pre-Service Program Continuation)--An Interdisciplinary Graduate Program in Physical Education with Specialization in Adapted Physical Education, School of Health, Physical Education and Recreation (W. F. Ersing), 1 June 1978 through 31 May 1979. (Project 711262 - Continuation)

\$44,269.00 - Department of State, Washington, D. C., Paleomagnetic Study of Upper Carboniferous Coal Bearing Strata in North West Spain, Department of Geology and Mineralogy (H. C. Noltmeyer), 1 March 1978 through 28 February 1979. (Project 711242 - New)

\$41,736.00 - National Science Foundation, Washington, D. C., The Approximation Property, Department of Mathematics (W. J. Davis and J. Lindenstrauss), 1 July 1978 through 30 June 1979. (Project 711162 - New)

\$40,000.00 - Department of Energy, Washington, D. C., High Energy Physics Studies, Department of Physics (T. A. Romanowski), 1 February 1978 through 31 January 1979. (Project 710041 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$38,381.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pulmonary Academic Award, Department of Medicine (M. Altman), 1 June 1978 through 31 May 1979. (Project 711269 - Continuation)

\$37,578.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression and Enzyme Synthesis in *Neurospora*, Department of Biochemistry (G. A. Marzluf), 1 July 1978 through 30 June 1979. (Project 711199 - Continuation)

\$37,508.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Monte Carlo Calculations of Polypeptide and Nucleic Acid Conformations, Department of Biochemistry (R. A. Scott, III), 1 June 1978 through 31 May 1979. (Project 711208 - Continuation)

\$36,377.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology (H. P. Pieper), 1 June 1978 through 31 May 1979. (Project 711158 - Continuation)

\$35,524.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Social Work Education for Community Mental Health, College of Social Work (R. O. Washington), 1 July 1978 through 30 June 1979. (Project 711198 - New)

\$35,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., *In Vitro* Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology (G. E. Milo and J. R. Blakeslee), 1 July 1978 through 30 June 1979. (Project 760702 - Continuation)

\$33,606.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Enzyme Immobilization for Detection of Conformation Changes, Department of Biochemistry (G. P. Royer), 1 July 1978 through 30 June 1979. (Project 711197 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$33,600.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Course Development in Undergraduate International Studies Education, Department of Political Science (J. E. Harf), 1 July 1978 through 30 June 1979. (Project 711259 - Continuation)

\$30,893.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Energetics of Ca^{2+} Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1978 through 30 June 1979. (Project 711239 - New)

\$30,000.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., The Ohio State University-Purdue Russian Language Program in Moscow, Department of Slavic Languages and Literatures (D. F. Robinson), 1 September 1978 through 15 April 1979. (Project 711278 - New)

\$28,300.00 - National Science Foundation, Washington, D. C., Application of Organosilicon Chemistry in Synthesis, Department of Chemistry (P. D. Magnus), 1 June 1978 through 31 May 1979. (Project 711214 - New)

\$28,050.00 - National Science Foundation, Washington, D. C., Late Cretaceous and Early Tertiary Biogeography of the Southern Circum-Pacific, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot and W. Zinsmeister), 1 July 1978 through 30 June 1979. (Project 711181 - New)

\$25,965.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Drug Abuse, Rockville, Maryland, Amphetamine: Effects on Muscle Contraction and Endurance, College of Pharmacy (M. C. Gerald), 1 June 1978 through 31 May 1979. (Project 711156 - Continuation)

\$25,646.00 - Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, A Relationship Between Pharmacokinetic Distribution of Antimicrobial Drugs and Effectiveness, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 30 July 1978 through 29 September 1978. (Project 783958 - Continuation)

\$22,913.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics (D. O. Edwards), 1 October 1978 through 31 March 1979. (Project 784315 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$21,700.00 - National Science Foundation, Washington, D. C., Combinatorial Geometry: The Whitney Numbers, Department of Mathematics (T. A. Dowling), 1 July 1978 through 30 June 1980. (Project 711179 - New)

\$20,000.00 - National Endowment for the Arts, Washington, D. C., Museum Purchase Plan, Arts Administration (B. Collings), 1 July 1978 through 30 June 1979. (Project 711202 - New)

\$19,575.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Psychiatry - Basic Residency Training, Department of Psychiatry (I. W. Gregory), 1 July 1978 through 30 June 1979. (Project 711247 - Continuation)

\$17,400.00 - National Science Foundation, Washington, D. C., Characterizations of Simple Groups of Characteristic 2, Department of Mathematics (R. Solomon), 1 July 1978 through 30 June 1980. (Project 711245 - New)

\$16,605.00 - National Science Foundation, Washington, D. C., Banach Spaces More General Than Weakly Compactly Generated Spaces, Department of Mathematics (G. Edgar), 1 July 1978 through 30 June 1980. (Project 784732 - Continuation)

\$15,046.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Medicinal Chemistry, College of Pharmacy (D. T. Witiak), 1 July 1978 through 30 June 1979. (Project 711147 - Continuation)

\$15,000.00 - Department of the Army, Army Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire, Ecological Baseline Investigations Along the Yukon River - Prudhoe Bay, Haul Road, Alaska, Institute of Polar Studies and Department of Geology and Mineralogy (K. R. Everett and D. H. Elliot), 7 July 1978 through 6 December 1979. (Project 710561 - Continuation)

\$14,678.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Clinical Psychology Internship Training, Department of Psychiatry (P. A. Marks), 1 July 1978 through 30 June 1979. (Project 711221 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$12,000.00 - National Science Foundation, Washington, D. C., Quadratic Forms Over Algebraic Varieties, Department of Mathematics (D. B. Shapiro), 1 July 1978 through 30 June 1980. (Project 711175 - New)

\$9,521.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Studies on the Syntheses of Boron Hydride Systems, Department of Chemistry (S. Shore), 1 July 1978 through 30 September 1978. (Project 711144 - New)

\$9,350.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of a Vaccine Against a Lethal Exotoxin of *Pseudomonas Aeruginosa*, Department of Microbiology (N. R. Baker), 1 June 1978 through 31 May 1979. (Project 711172 - New)

\$9,000.00 - National Science Foundation, Washington, D. C., Comparative Cytology and Biochemistry of Selected Green Algae, Department of Botany (G. L. Floyd), 1 November 1978 through 30 April 1979. (Project 784603 - Continuation)

\$7,300.00 - National Science Foundation, Washington, D. C., Algebra and Combinatorics, Department of Mathematics (D. Marcus), 1 July 1978 through 30 June 1979. (Project 711288 - New)

\$7,200.00 - National Science Foundation, Washington, D. C., A Class of Non-linear Functional Equations Connected with Modular Functions, Department of Mathematics (L. A. Parson), 1 July 1978 through 30 June 1979. (Project 711177 - New)

\$6,879.00 - National Science Foundation, Washington, D. C., The Approximation Problems in Banach Spaces, Department of Mathematics (W. B. Johnson), 1 July 1978 through 30 June 1979. (Project 784455 - Continuation)

\$6,346.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pulmonary Academic Award, Department of Medicine (M. Altman), 1 June 1977 through 31 May 1978. (Project 784782 - Continuation)

\$3,856.00 - National Science Foundation, Washington, D. C., A Systematic Study of Western North American Species of *Chenopodium*, Department of Botany (D. J. Crawford), 1 June 1978 through 30 August 1979. (Project 711213 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$3,000.00 - National Science Foundation, Washington, D. C., Geochronology and Strontium Isotope Geochemistry of Possible Columbia River Basalt Equivalents, Western Cascades, Oregon, Department of Geology and Mineralogy (J. F. Sutter), 15 February 1978 through 28 February 1979. (Project 711039 - New)

\$2,500.00 - National Science Foundation, Washington, D. C., Symposium on Cellular Interactions in Symbiotic and Parasitic Associations, Department of Zoology (C. B. Cook), 1 July 1978 through 31 December 1978. (Project 711268 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$6,497,544.00**

State of Ohio Research Contracts/Grants

\$95,000.00 - Ohio Board of Regents, Columbus, Ohio, Expansion of the Ohio Board of Regents Uniform Information System, Budget and Resources Planning Administration (G. W. Baughman), 15 June 1978 through 31 March 1979. (Project 711224 - New)

\$42,863.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Provision of Technical Assistance to the Ohio Occupational Information Coordinating Committee, Academic Faculty for Labor and Human Resources (M. E. Borus), 1 July 1978 through 30 June 1979. (Project 711233 - New)

\$27,000.00 - Ohio Board of Regents, Columbus, Ohio, A Problem-Solving Model for the Application of Federal Research and Development Outputs to Urban Issues and Problems in Columbus, Ohio, Division of Continuing Education, College of Administrative Science (J. Stanley), 1 July 1978 through 30 June 1979. (Project 711273 - New)

\$15,912.00 - State of Ohio, Department of Administrative Services, Columbus, Ohio, The Ohio Public Executives Program, School of Public Administration (J. Stanley), 1 April 1978 through 31 March 1979. (Project 711109 - Continuation)

\$15,000.00 - Ohio Arts Council, Columbus, Ohio, Peter and the Wolf: A Dance Production for Television, Telecommunications Center, Office of Educational Services (E. Young), 19 May 1978 through 31 December 1978. (Project 711215 - New)

\$9,988.00 - Ohio Historical Society, Ohio Historical Preservation Office, Columbus, Ohio, Regional Archaeological Preservation Office 6A, Department of Anthropology (W. Sumner and K. Deaver), 1 July 1978 through 31 December 1978. (Project 711234 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$3,000.00 - State of Ohio, Department of Mental Health and Mental Retardation, Office of Program Evaluation and Research, Columbus, Ohio, Use of Low Dose Vivactil in Control of Compulsive Eating. A Dramatic New Use for an Old Psychiatric Drug, Department of Psychiatry (J. M. Box and L. E. Arnold), 15 May 1978 through 30 June 1978. (Project 711160 - New)

\$2,700.00 - The Ohio Program in the Humanities, Columbus, Ohio, Focus on the Appalachians of Columbus, Ohio: A Video-presentation and Analysis, Phase II, Telecommunications Center, Office of Educational Services (E. Young), 1 January 1978 through 31 July 1978. (Project 710943 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 211,463.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$195,069.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry (W. A. Zacherl), 1 July 1978 through 30 June 1979. (Project 711285 - Continuation)

\$74,985.00 - Exxon Education Foundation, New York, New York, Design and Field Testing of Reflective Teaching, A New Instructional Alternative to Higher Education, Academic Faculty of Curriculum and Foundations (D. R. Cruickshank), 1 July 1978 through 30 June 1980. (Project 711223 - New)

\$67,348.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry (C. W. Conroy), 1 July 1978 through 30 June 1979. (Project 711286 - Continuation)

\$30,000.00 - American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center, Office of Health Sciences (D. S. Yohn), 1 July 1978 through 30 June 1979. (Project 711274 - Continuation)

\$26,694.14 - Leukemia Society of America, Inc., New York, New York, Leukemia Society of America Scholar, Department of Medical Microbiology (R. Glaser), 1 March 1978 through 30 June 1979. (Project 711092 - New)

\$23,500.00 - Madison Public Schools, Madison County (Ohio) Board of Education, London, Ohio, Martin W. Essex School for the Gifted, 1978, Academic Faculty for Exceptional Children (T. M. Stephens), 1 May 1978 through 30 November 1978. (Project 711260 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$21,000.00 - The National Foundation March of Dimes, White Plains, New York, Effect of Hypoxia, Pyrogen and Blood Glucose on Thermosensitive Hypothalamic Neurons in the Developing Brain, Department of Physiology (J. A. Boulant), 1 July 1978 through 30 June 1979. (Project 711265 - New)

\$18,040.00 - American Heart Association, Inc., Dallas, Texas, Central Neuronal Control of Peripheral Circulation, Department of Physiology (J. A. Boulant), 1 September 1978 through 31 August 1979. (Project 711255 - New)

\$14,960.00 - American Heart Association, Inc., Dallas, Texas, Hydrophobic Binding in Thrombin Action, Department of Chemistry (L. Berliner and R. Mayer), 1 July 1978 through 30 June 1979. (Project 711243 - Continuation)

\$14,339.00 - Aberrant Behavior Center, Dallas, Texas, Post-Rotatory Nystagmus in the Human Infant, Department of Anatomy (D. L. Clark), 1 May 1978 through 30 June 1979. (Project 711168 - New)

\$14,000.00 - City of Columbus, Department of Finance, Columbus, Ohio, A Problem-Solving Model for the Application of Federal Research and Development Outputs to Urban Issues and Problems in Columbus, Ohio, Division of Continuing Education, College of Administrative Science (J. Stanley), 1 July 1978 through 30 June 1979. (Project 711272 - New)

\$12,116.00 - Battelle-Columbus Laboratories, Columbus, Ohio, Alumina-Tooth Implantation in Human Subjects, College of Dentistry (R. H. Downes), 15 May 1978 through 28 February 1979. (Project 711145 - New)

\$12,000.00 - Electric Power Research Institute, Inc., Palo Alto, California, Corrosion Chemistry in Low Oxygen Activity Atmospheres Characteristic of Gasified or Incompletely Combusted Coal, Department of Metallurgical Engineering (R. A. Rapp), 1 June 1978 through 31 December 1978. (Project 784496 - Continuation)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Prazosin: The Hemodynamic and Biochemical Effects of Long Term Vasodilator Therapy, Department of Medicine (R. Magorien and C. V. Leier), 1 July 1978 through 30 June 1979. (Project 711163 - New)

\$10,000.00 - The United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1978 through 31 March 1979. (Project 783911 - Continuation)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$10,000.00 - The American University in Cairo, Egypt, New York, New York, Collaborative Research with The American University Social Science Research Center in Cairo, Egypt, Mershon Center for Education in National Security, Graduate School (S. Z. Nagi), 1 June 1978 through 30 April 1979. (Project 711238 - Continuation)

\$10,000.00 - Research Corporation, New York, New York, Metal-Metal and Metal-Substrate Bonding in a New Cluster Model for Metal Surfaces, Department of Chemistry (G. C. Christoph), 1 July 1978 through 30 June 1979. (Project 711203 - New)

\$6,500.00 - Ohio Wesleyan University, Delaware, Ohio, Assistance with Administration, Programming and Policy Analysis, Academic Faculty of Special Services (R. F. Rodgers), 14 August 1978 through 30 June 1979. (Project 711279 - New)

\$5,920.00 - General Foods Corporation, Pet Foods Division, White Plains, New York, Evaluation of Semi-Moist Food Formulae for Susceptibility to Mite Infestation, Department of Entomology (D. E. Johnston), 1 May 1978 through 30 April 1979. (Project 711098 - New)

\$5,403.00 - Society for Research in Child Development, University of Illinois at Urbana-Champaign, Champaign, Illinois, Development of Children's Social Relations, Department of Psychology (F. Serafica), 1 January 1978 through 31 August 1978. (Project 711275 - New)

\$4,248.00 - The Procter and Gamble Company, Cincinnati, Ohio, Fluoride Response in Rats Fed Erythromycin and Subsequently Inoculated with S. Mutans, College of Dentistry (S. Rosen), 1 July 1978 through 30 September 1978. (Project 711222 - New)

\$4,132.00 - Edison State Community College, Piqua, Ohio, Edison State College Management Study, Educational Administration (R. O. Nystrand), 15 May 1978 through 12 July 1978. (Project 711204 - New)

\$3,300.00 - City of Columbus, Ohio, Department of Public Safety, Columbus, Ohio, Evaluation of the Impact of the Implementation of the Citizens' Crime Reporting Project in Columbus, Ohio, School of Public Administration (H. E. Allen), 1 May 1978 through 31 October 1978. (Project 711176 - New)

\$1,445.00 - Columbus Metro Private Donated Account (Local Division of National Alliance of Businessmen), Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services (H. J. Peters), 12 January 1978 through 31 August 1978. (Project 711237 - New)

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$967.00 - Wayne State University, Detroit, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 June 1976 through 31 May 1978. (Project 784446 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS **\$ 597,966.14**

ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$80,492.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Development of a Driver-Based Method for the Evaluation of Traffic Control Systems for Freeway Maintenance Operations, Department of Industrial and Systems Engineering, July 15, 1978 through June 14, 1979. (EES 581)

\$20,971.00 - State of Ohio, Department of Energy, Columbus, Ohio, for Development of an Energy Allocation Model to Minimize Adverse Socio-Economic Impact of Severe Energy Shortage, Department of City and Regional Planning, August 2, 1978 through September 1, 1978. (EES 568, Extension 1)

TOTAL - STATE OF OHIO SPONSORED RESEARCH **\$ 101,463.00**

Industrial and Other Sponsored Research

\$10,000.00 - Engineering Council for Professional Development, New York, New York, for "UNITE," College of Engineering, June 1, 1978 through May 31, 1979. (EES 013)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$80,100.00 - Estate of Lee D. Moody, Bellefontaine, Ohio, for the Lee D. Moody Scholarship Fund.

\$25,876.00 - SISA, Inc., Cambridge, Massachusetts, for the Clinical Pharmacology Fund.

\$17,465.41 - American Medical Association, Chicago, Illinois, for the Faculty Seminar on Medical Education.

\$15,000.00 - The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$14,300.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$10,000.00 - Frank Batley, M. D., Columbus, Ohio, for the Department of Radiology Development Fund.

\$10,000.00 - Blue Shield, Worthington, Ohio (given in the name of Michael J. Ketchum), for the Laboratory of Work Physiology Fund.

\$10,000.00 - The Dow Chemical Company, Midland, Michigan, for the Foundation Seed.

\$10,000.00 - Mrs. Dorothy J. Garrison, Columbus, Ohio, for the Presidents Club Special Fund.

\$10,000.00 - Hoffmann-LaRoche Foundation, Nutley, New Jersey, for the Clinical Pharmacology Fund.

\$10,000.00 - Marc Tetalman, M. D., Columbus, Ohio, for the Department of Radiology Development Fund.

\$7,830.56 - Systems Associates, Columbus, Ohio, for the Cardiology Support Fund.

\$5,753.86 - Richard H. Keates, M. D., Inc., Columbus, Ohio (given in the name of Richard H. Keates), for the Eye Bank Fund.

\$5,700.00 - University Women's Club, Worthington, Ohio: \$3,000.00 for the University Women's Club Emergency Loan Fund and \$2,700.00 for the University Women's Club Scholarship Fund.

\$5,000.00 - from an anonymous donor for the Minority Affairs Support Fund.

\$5,000.00 - Bethlehem Steel Corporation, Bethlehem, Pennsylvania, for the University Fund unrestricted gifts.

\$5,000.00 - Mr. and Mrs. Edward C. Haaf, Canal Winchester, Ohio, for the Edward C. Haaf Scholarship Fund.

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Martha Nelson Lewis Lecture Fund

The Martha Nelson Lewis Lecture Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and associates of Martha Nelson Lewis, B.S.Ed. '23, former Director of the Medical Dietetics Division, School of Allied Medical Professions, College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to underwrite the cost of a lecture series on the subject of nutrition. The Director of the Medical Dietetics Division is authorized to invade the principal, if necessary, to provide adequate funds to pay honorarium and travel expenses for a lecturer. Requisitions for funds will be initiated by the Director of the Medical Dietetics Division and Director of the School of Allied Medical Professions, and approved by the Dean of the College of Medicine.

Should the need for this lecture series cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

The Department of Surgery Research and Education Fund

The Department of Surgery Research and Education Fund was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of the College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support projects and programs in the Department of Surgery. In the event that the entire annual income from the fund is not required in a given year, the excess will remain in the fund as principal. Dr. Larry C. Carey is authorized to expend the interest and invade the principal amount of the endowment fund when necessary with the approval of the Dean of the College of Medicine. Requisitions for funds will be initiated by Dr. Larry C. Carey during his tenure on the faculty and approved by the Dean

July 21, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Department of Surgery Research and Education Fund (contd)

of the College of Medicine. At such time as Dr. Carey leaves the faculty, the fund will resort to the Chairman of the Department of Surgery and the above outlined rules for expenditures will pertain to the Chairman of the Department.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Chairman of the Department of Surgery and the Dean of the College of Medicine.

Douglas C. Williams Scholarship Fund in Metallurgical Engineering

The Douglas C. Williams Scholarship Fund in Metallurgical Engineering was established July 21, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends and colleagues of Douglas C. Williams, distinguished Professor of Metallurgical Engineering, upon his retirement.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to undergraduate students enrolled in the Department of Metallurgical Engineering. The selection is to be made upon the recommendation of the Scholarship Committee of the Department of Metallurgical Engineering.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate official of the University who is then directly responsible for metallurgical engineering education.

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PLANS AND SPECIFICATIONS

Resolution No. 79-9

Synopsis: Plans and specifications have been completed for two projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials, and estimates of cost for the following projects are presented for approval:

NINTH AVENUE PARKING RAMP

Project: The construction of this parking ramp will provide space for 910 vehicles and relieve the overcrowded parking conditions which now exist in the University Hospitals area.

Funding: Budget Account 882029, Ninth Avenue Parking Ramp

Estimated Project Cost: \$3,675,000.00

UNIVERSITY HOSPITAL RENOVATION - PHASE 1

Project: This project is the first phase of the University Hospital Renovation project which will provide the facilities for processing of food to support the proposed food system being installed in the University Hospitals.

Funding: Am. Sub. H.B. 618, Item 315-118, University Hospital Renovation

Estimated Project Cost: \$ 650,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 21, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND**

Resolution No. 79-10

Synopsis: A contract has been awarded for one project to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolution adopted by the Board of Trustees at a previous meeting authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids and recommend awards in accordance with the established University procedures for the following project:

UTILITY TUNNEL REPAIRS - PHASE I

Description: Due to deterioration, structural defects in utility tunnels located at Eleventh Avenue north of Hamilton Hall, Neil Avenue between South Oval and Eleventh Avenue and East Oval, north of Page Hall will be repaired.

General Contract

Date Received:	June 9, 1978
No. of Bids:	4
Low Bid:	\$168,580.00*
High Bid:	\$259,400.00
Estimate of Cost:	\$200,000.00
Awarded to:	Waller & Lund, Inc., Columbus, Ohio
Total Contract:	\$168,580.00
Total Contingency Allowance:	\$ 7,000.00 which is 4 per cent of construction contract
Total Project Cost:	\$179,094.35
Funding:	H.B. 618, Utilities and Renovation 1977-79 Biennium

*The General Contract is being recommended for award to the second lowest bidder. The bond of the low bidder, The Righter Company, Inc., was not signed, therefore the bid was rejected.

July 21, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

NOW THEREFORE

BE IT RESOLVED, That pursuant to a previous action of the Board, a construction project was bid, a contract was recommended for award and the establishment of contingency fund and expenditure of project funds are hereby reported.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PURCHASE OF PROPERTY
307 WEST NINTH AVENUE**

Resolution No. 79-11

Synopsis: Purchase of property at 307 West Ninth Avenue is proposed.

WHEREAS the University has been provided an opportunity to purchase the following property: Lot No. 24 and part of Lot No. 25 in William N. King's Neil Avenue Subdivision, Parcel No. 53675 and Parcel No. 21515, commonly known as 307 West Ninth Avenue, Columbus, Franklin County, Ohio; and

WHEREAS said property is within the revised boundaries of the University Master Plan and Land Acquisition Plan; and

WHEREAS said property will be utilized on a short-term basis to provide additional off-street parking;

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to purchase the said property in the name of the Board of Trustees of The Ohio State University from Rule Properties, Inc., for the sum of Sixty Thousand Three Hundred Dollars (\$60,300.00) from General University Funds.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

July 21, 1978 meeting, Board of Trustees

**PURCHASE AND LEASE OF PROPERTY
NORTHWOOD ELEMENTARY SCHOOL, 5 WEST NORTHWOOD AVENUE**

Resolution No. 79-12

Synopsis: Purchase and lease of Northwood Elementary School located at 5 West Northwood Avenue is proposed.

WHEREAS the University has been provided an opportunity to acquire the following property: Northwood Elementary School, located at the corner of Northwood Avenue and North High Street, State of Ohio, County of Franklin, City of Columbus, and more commonly known as 5 West Northwood Avenue, and

WHEREAS Amended Substitute House Bill 618 and Amended Senate Bill 493 appropriated up to \$200,000.00 to the University to be used exclusively for the purpose of purchasing the Northwood Elementary School with the intent that the building subsequently be leased to the Northend Community Center Corporation for that corporation's exclusive management as a not-for-profit community center at an annual rent of \$1.00; and

WHEREAS the Northend Community Center Corporation wishes to lease said property for a term of 25 years, for community center purposes; and

WHEREAS an agreement was executed March 7, 1978, between the Board of Trustees and the Columbus Board of Education containing an option to purchase said property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to exercise the purchase option with the Columbus Board of Education and to take title in the name of the State of Ohio for the use of The Ohio State University, such purchase to be for the sum of \$200,000.00 utilizing funds appropriated to the University pursuant to Amended Substitute House Bill 618; and

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in negotiating the necessary legal instruments to provide for said lease with the Northend Community Center Corporation.

President Enarson:

The next recommendation is for the purchase and in turn the lease of Northwood Elementary School, located at 5 West Northwood Avenue. This was discussed in the Committee this morning and the Board Committee was once again given the background on this. You'll recall that we are involved in this property simply because of the interest and action of some local legislators and then action by the General Assembly - in essence directing the University to be an intermediary in getting this property into the hands of a community group. I think it has the support of the Fiscal Affairs Committee, but I wouldn't be too sure.

STATE OF OHIO LEASE

Section 123.01 (A) (9) Revised Code

File No. 2867

THIS INDENTURE OF LEASE, made and entered into this day of , 19 , in the City of Columbus, in Franklin County, Ohio, by and between the State of Ohio (The Ohio State University) through its Department of Administrative Services, approved by the Attorney General, signed by the Governor and all officers of the State of Ohio acting for and on behalf of said State, Party of the First Part, and Northend Community Center Corporation, its successors or assigns, whose address is 5 West Northwood Avenue, Columbus, Ohio 43201, Party of the Second Part; Witnesseth:

WHEREAS, the Department of Administrative Services has found that the real estate hereinafter described is the property of the State of Ohio under the jurisdiction of The Ohio State University; and

WHEREAS, said The Ohio State University on , 1978 approved the granting of this lease; and

WHEREAS, the Director of Administrative Services has determined that the use of said real estate, if leased for the purposes herein stated, will not materially injure or interfere with the maintenance of any of the adjacent State Land; and

WHEREAS, the Party of the Second Part has applied to the Party of the First Part for a lease of said real estate for Community Center purposes; and

WHEREAS, the Party of the First Part, having considered such application of said Second Party, duly resolves to lease such real estate for the term of twenty-five (25) years commencing July 1, 1978 and ending June 30, 2003, upon the terms and conditions and under the restrictions hereinafter set forth; NOW THEREFORE:

In consideration of the mutual covenants herein contained and the payment of \$1.00 per year by the Party of the Second Part, and for other good and valuable considerations, the receipt of which is hereby acknowledged, the Party of the First Part hereby leases to the Party of the Second Part, its' successors or assigns, the real estate herein described, together with the right and privilege to said Second Party, its' successors or assigns, to occupy and use said real estate for Community Center purposes for the term of twenty-five (25) years under the conditions and restrictions as hereinafter set forth, said real estate being described as follows:

DESCRIPTION

Situated in the State of Ohio, County of Franklin, City of Columbus and commonly known as 5 West Northwood Avenue, together with the improvements and appurtenances thereto and more particularly described on Exhibit "A", attached hereto, and made a part hereof, and incorporated herein for reference.

STATE OF OHIO LEASE (contd)

THIS LEASE IS GRANTED SUBJECT TO THE FOLLOWING CONDITIONS AND RESTRICTIONS:

(1) This lease is granted with the understanding that it may be cancelled by the Director of Administrative Services on ninety (90) days' notice at such time as the State of Ohio or the Federal Government, or both shall require the above described property for any purpose, wherein condemnation or right of eminent domain is evident, and the Party of the Second Part hereby waives any right to damages or compensation in the event of cancellation as aforesaid.

(2) It is understood and agreed that prior to bringing any action for possession of the premises or any action to eject the Party of the Second Part based upon any alleged breach of any provision contained in this lease agreement, the following procedures shall be followed by the Director of Administrative Services:

(a) Director of Administrative Services shall mail notice to the Party of the Second Part specifying: (1) the breach, (2) the action required to cure such breach, and (3) a date, not less than 30 days from the date notice is received by the Party of the Second Part, by which such breach must be secured or corrected; and

(b) Director of Administrative Services shall not unreasonably refuse extension of the 30 days allowed for correcting and for securing breaches which involve repairs and/or improvements to the premises, if the Director of Administrative Services determines that a sincere effort is being made by the Party of the Second Part to secure said breaches; and

(c) Director of Administrative Services shall allow the Party of the Second Part 90 days from notification of termination of this lease, to remove all personal property occupying the State property herein leased and following such removal, the State property herein leased shall be left in a condition satisfactory to the Director of Administrative Services, reasonable wear and tear excepted, and

(d) if the removal of the property described above is not effected within the time specified, the Party of the First Part may restore the State property to a condition satisfactory to the Director of Administrative Services at the expense of the Party of the Second Part.

(3) It is distinctly understood and agreed that the Party of the Second Part shall not permit the premises to be used for unlawful purposes. The Party of the Second Part shall be permitted to obtain an F liquor license from the Ohio Department of Liquor Control for the purpose of limited "on premises" sale of 3.2% beer only.

(4) The Party of the Second Part shall indemnify and save and hold harmless the State of Ohio (The Ohio State University) and its' officers, agents and employees from and against

STATE OF OHIO LEASE (contd)

all loss, cost and expense, including but not limited to reasonable attorney fees, for injury to or death of any person, damage to property, or any other claim by the Party of the Second Part or its' officers, employees, agents, customers, licensees or invitees resulting from the occupancy or use of the premises.

(5) It is agreed that in its' sole discretion, the Party of the First Part, by its' authorized agents, may enter upon said real estate for the purpose of making such changes and improvements as The Ohio State University may deem necessary. The Party of the First Part must give five (5) days notice of its' intent to enter, except in the case of an emergency.

(6) The Party of the Second Part shall keep removed from the adjacent lands not subject to this lease any and all earth, timbers, and other material or debris which may be deposited thereon by reason of the use of the real estate herein leased by said Party of the Second Part, and the Party of the First Part, at any time, may remove such material or debris at the expense of said Party of the Second Part, provided, however, that Party of the First Part gives Party of the Second Part five (5) days written notice of its' intent to implement said provision.

(7) The Party of the Second Part hereby agrees to keep the premises herein leased clean and sanitary and free from weeds, vines, deadfall, and debris of all kinds in compliance with this lease and other State and The Ohio State University regulations, and upon its' failure to do so, the Party of the First Part may have the necessary work performed at the expense of said Party of the Second Part, provided, however, that Party of the First Part gives Party of the Second Part five (5) days written notice of its' intent to implement said provision.

(8) The Party of the Second Part agrees that the real estate herein being leased shall be so used and maintained at all times as not to interfere with the maintenance of any part of the adjacent land of the State.

(9) This lease is hereby expressly made subject to all prior leases and grants heretofore made for any portion of the real estate embraced in this lease, and subject to the renewal of such leases and grants during the entire term of this lease.

(10) The Party of the First Part hereby reserves all oil, gas, coal, or other minerals on or under the real estate herein leased (except lands located within the corporate limits of municipalities) with the right of entry in and upon said premises for the purpose of selling or leasing the same, or prospecting, developing, or operating the same.

(11) The Party of the Second Part hereby agrees to pay, when due, any and all taxes and assessments duly levied against the herein described real estate, including every building or other valuable structure erected thereon, and it is agreed that The Ohio State University will make a diligent effort to obtain tax exempt status for the subject property and/or at its option, aid and cooperate with the Party of the Second Part in its undertaking to obtain said tax exempt status.

STATE OF OHIO LEASE (contd)

(12) Subject to Paragraph 2 hereinabove, if the Party of the Second Part commits any act or permits anything to be done that is prohibited by any State or local ordinance, all the rights and privileges derivable to said Second Party from this agreement shall, at the option of the Party of the First Part, cease and determine, this lease may be cancelled, and said Second Party shall be liable for any and all damages consequent upon such violation and cancellation of this agreement.

(13) It is also agreed and understood that the State of Ohio reserves the right to grant pole, pole line, communication line or cable, and pipe line leases or easements on and in the land herein leased, the same to be in connection with similar rights for like purposes over adjacent lands, and agrees to notify the Party of the Second Part of its intent not less than 30 days prior to the granting of said leases or easements.

(14) It is also further agreed and understood that, if said Second Party fails to comply with any of the conditions of this lease as herein set forth, then this lease shall, at the option of the said Party of the First Part hereto, become null and void, and it is expressly agreed and understood that the receipt of rental after any act of forfeiture hereof by the Party of the Second Part hereto shall not be held to be a waiver by the Party of the First Part of its right to declare such forfeiture and cancel this lease, subject to Paragraph 2 hereinabove, **AND THE PARTY OF THE FIRST PART MAY ENTER UPON AND TAKE POSSESSION WITHOUT FURTHER NOTICE OR OTHER LEGAL ACTION.**

(15) It is further distinctly understood and agreed that this lease shall not be assigned or sublet without the written consent of the Director of Administrative Services, and any such assignment or sublease shall in no way release the Party of the Second Part from any liability under the terms and conditions of this lease.

(16) All fixtures, furnishings, equipment, inventory and other personal property at any time located upon the premises, whether such property is owned by the Party of the Second Part, the Party of the First Part, or any other person, and all additions, alterations and improvements to the premises made by the Party of the Second Part, and/or the Party of the First Part in accordance with Section 19 below, shall be kept and maintained by the Party of the Second Part at its sole risk, and the Party of the Second Part shall indemnify and save harmless the Party of the First Part from and against any and all loss, cost and expense, including but not limited to reasonable attorney fees, by reason of any damage to or destruction of any of the above.

(17) The Party of the Second Part at its' sole responsibility and expense, shall undertake and contract in accordance with the conditions set forth in this section, for such capital improvements as are necessary to bring the premises into full compliance with all applicable building codes, prior to date of use of the facility.

The Party of the Second Part shall not, without prior written consent of the Party of the First Part, in any way alter, rehabilitate, or make improvements or additions in or to the premises, including but not limited to the installation of fixtures, trade fixtures, (including

STATE OF OHIO LEASE (contd)

all necessary signs identifying the premises and hours of service), appliances or equipment, or the painting or changing of the premises or any part thereof. All said signs and their location, must be approved by the Office of University Architect prior to their installation.

The Party of the Second Part shall complete all permitted additions, rehabilitation, alterations or improvements in a good and workmanlike manner, in accordance with plans and specifications approved by the University Architect, and in compliance with all applicable statutes, ordinances, rules and regulations. All additions, alterations and improvements made by the Party of the Second Part shall become the property of the Party of the First Part upon the expiration or termination of this lease in any way.

The Party of the First Part shall undertake and contract for a total expenditure of up to \$100,000.00 of appropriation item 315.130 University Community Services Center as provided for in AM. Sub H. B. No. 618, 112th General Assembly, to provide for structural adaptation of the premises to eliminate architectural barriers for use of the physically handicapped.

(18) If the premises shall be so damaged or destroyed by fire or other casualty that the same, in the sole opinion of the Party of the First Part, after consultation with the Party of the Second Part are untenable and cannot be repaired or replaced so as to be tenantable within one hundred twenty (120) days after such damage or destruction, then the Party of the First Part shall have the right to terminate this lease effective as of the date of such damage or destruction. If this lease shall be terminated in accordance with this section, the Party of the Second Part shall immediately surrender and deliver up the premises to the Party of the First Part.

(19)

(a) The Party of the Second Part, at its sole expense, will maintain in good condition and repair the exterior and interior portions of the premises, make all necessary repairs, interior and exterior, structural and nonstructural, ordinary as well as extraordinary, and will keep the said premises and the building thereon situated in good condition and repair, including adjoining areas and sidewalks, in a clean, safe and healthy condition so as to conform to all lawful requirements, laws and ordinances and directions of the proper public authorities and provide for snow and ice removal during the term of this lease.

(b) In the event any portion of the premises shall be in need of repair due to normal wear and tear or be damaged because of improvements installed, or in the event repairs and/or replacements are required by reason of the act, misuse or neglect of the Party of the Second Part, its' agents, employees, invitees, licensees or contractors, the Party of the Second Part agrees to make such repairs and/or replacements promptly and properly at the Party of the Second Part's sole expense and save the Party of the First Part harmless from all loss, cost and expense resulting from the same.

STATE OF OHIO LEASE (contd)

(c) All repairs and replacements made by the Party of the Second Part shall be equal in quality to the original work. If the Party of the Second Part refuses or neglects to commence or complete repairs and/or replacements for which the Party of the Second Part is responsible, promptly and adequately upon 30 days notice, the Party of the First Part may, but shall not be required to, make or complete said repairs and replacements, and the Party of the Second Part shall pay the costs thereof to the Party of the First Part immediately upon the Party of the First Part's giving notice of same to the Party of the Second Part; no such action by the Party of the First Part shall in any way be deemed to be a waiver by the Party of the First Part of any right the Party of the First Part may have hereunder on account of any default by the Party of the Second Part.

(20) During the initial and any additional term of this lease, the Party of the Second Part shall, at its sole cost and expense, carry and maintain, for the mutual benefit of itself, the State of Ohio (The Ohio State University) as their interests may appear, a policy of fire and extended coverage insurance insuring the building for no less than 80% of actual cash value, which actual cash value is \$581,079.00 and insuring all fixtures, furnishings, equipment, inventory, other personal property at any time located upon the premises, and all additions, alterations and improvements to the same, against damage and destruction by all causes generally insured against in policies of fire and extended coverage insurance written on properties in Franklin County, Ohio, in the amount of 100% of the full insurable value thereof, as determined by the insurance company issuing such policy of insurance. Such policy of insurance shall bear an endorsement to the effect that the insurer agrees to notify the Party of the First Part not less than sixty (60) days in advance of any modification or cancellation thereof. Such policy of insurance shall be issued by an insurance company, and shall be in form acceptable to the Party of the First Part. Upon the execution thereof, the Party of the Second Part shall deposit with the Party of the First Part such policy of insurance or a certificate thereof. Not less than sixty (60) days prior to the due date for the payment of premiums upon such policy of insurance, the Party of the Second Part shall deposit with the Party of the First Part evidence satisfactory to the Party of the First Part of the payment of such premiums. Not less than sixty (60) days prior to the termination date of such policy of insurance, the Party of the Second Part shall deposit with the Party of the First Part evidence satisfactory to the Party of the First Part of the renewal of such policy of insurance.

(21) The Party of the Second Part shall arrange for service and pay all charges for utilities (including but not limited to gas, electric, water, sewer and phone service) furnished to the premises during the initial term of this lease.

(22) The Party of the Second Part agrees and warrants that it shall not discriminate or permit discrimination in its operation or employment practices relative to the premises, against any person or group of persons on the grounds of race, color, religion, national origin, sex, sexual orientation, age, or handicap, in any manner prohibited by the laws of the United States, the State of Ohio or the City of Columbus, and further agrees to provide information concerning its employment practices and procedures to any government agency having jurisdiction over such matters.

STATE OF OHIO LEASE (contd)

(23) The Party of the Second Part shall, at its own expense, obtain prior to the commencement of the term of this lease, all licenses, permits and other approvals of all governmental authorities having jurisdiction over the premises, necessary for the operation of a community center on the premises. During the term of this lease the Party of the Second Part shall, at its own expense, maintain in full force and effect all such licenses, permits, and other approvals.

(24) The Party of the Second Part shall, at all times, keep the premises free and clear from all claims, liens, and encumbrances arising from the making of repairs, alterations, additions or improvements to the premises made by the Party of the Second Part pursuant to the terms of this lease, and the Party of the Second Part shall indemnify and save and hold harmless the Party of the First Part from and against all loss, attorney's fees and other costs and expenses incurred or expended in connection with any such claim, lien or encumbrance or the prosecution or defense of any suit, action or proceeding relating to the same.

(25) The Party of the First Part may enter upon the premises provided to the Party of the Second Part hereunder at all reasonable times for the purposes of inspecting the premises.

(26) Upon the expiration of this lease or its' termination in any way, the Party of the Second Part shall surrender and deliver up the premises provided to the Party of the Second Part hereunder broom clean and in as good order and condition as the same shall have been at the commencement of the initial term of this lease, or shall have been put by the Party of the Second Part and/or the Party of the First Part, reasonable wear and tear excepted.

(27) During the initial and any additional term of this lease, the Party of the Second Part shall, at its' sole cost and expense, carry and maintain, for the mutual benefit of itself, the State of Ohio (The Ohio State University) and anyone claiming by, through or under the Party of the First Part, a policy of general liability insurance against claims for personal injuries, wrongful death or property damage occurring on or about the premises provided to the Party of the Second Part hereunder, with minimum amounts of coverage of Five Hundred Thousand Dollars (\$500,000.00) on account of bodily injuries to or death of one person, One Million Dollars (\$1,000,000.00) on account of bodily injuries to or death of more than one person as a result of any one accident or disaster, and Fifty Thousand Dollars (\$50,000.00) on account of damage to property. Such policy of insurance shall be issued by an insurance company, and shall be in form acceptable to the Party of the First Part. Such policy of insurance shall bear an endorsement to the effect that the insurer agrees to notify the Party of the First Part not less than ten (10) days in advance of any modification or cancellation thereof. The Party of the First Part and the Party of the Second Part and anyone claiming by, through or under the Party of the First Part or Party of the Second Part shall be named as insureds under such policy of insurance.

Upon the execution thereof, the Party of the Second Part shall deposit with the Party of the First Part such policy of insurance or a certificate thereof. Not less than ten (10) days prior to the due date for the payment of premiums upon such policy of insurance, the

STATE OF OHIO LEASE (contd)

Party of the Second Part shall deposit with the Party of the First Part evidence satisfactory to the Party of the First Part of the payment of such premiums. Not less than ten (10) days prior to the termination date of such policy of insurance, the Party of the Second Part shall deposit with the Party of the First Part evidence satisfactory to the Party of the First Part of the renewal of such policy of insurance.

The Party of the Second Part shall at its sole cost and expense carry and maintain during the term of this lease such Workers' Compensation and disability insurance as may, from time to time, be required by city, county or state laws. Evidence of such insurance shall be delivered to the Party of the First Part prior to the date of occupancy by the Party of the Second Part, and thereafter, at such times as the Party of the First Part may require.

(28) If the Party of the Second Part shall default in performance of any of the terms, covenants, or conditions of this lease and such default shall continue for a period of ten (10) days after the Party of the First Part shall have given notice thereof to the Party of the Second Part, during which period the Party of the Second Part shall not have proceeded forthwith to substantially remedy such default and prosecuted such effort diligently until such default shall have been remedied, or if the Party of the Second Part shall make an assignment for the benefit of creditors, be adjudged a bankrupt, suffer a receiver or trustee to be appointed in any action or proceeding by or against the Party of the Second Part and fail to secure the discharge of such receiver or trustee within Sixty (60) days following such appointment, or if the Party of the Second Part shall make an application for an arrangement or reorganization under the Bankruptcy Act of the United States, or if the Party of the Second Part shall abandon or vacate the premises, or if the Party of the Second Part shall lose its status as a nonprofit corporation or fail to operate as a nonprofit corporation, then in any of such cases it shall be lawful for the Party of the First Part to enter into the premises and again have, repossess and enjoy the same as if this lease had not been made, and thereupon this lease and everything contained herein or on the part of the Party of the First Part to be done and performed shall cease, terminate and be utterly void. The commencement of a proceeding or suit in forcible entry and detainer or in effectment or otherwise after any default by the Party of the Second Part shall be equivalent in every respect to actual entry by the Party of the First Part, and in case of such default by the Party of the Second Part and entry by the Party of the First Part, the Party of the First Part may, but shall not be obligated to, relet the premises for the highest rent obtainable.

(29) So long as the Party of the Second Part shall pay the rents and keep and perform the terms, covenants and conditions of this lease on its' part to be kept and performed, the Party of the Second Part shall peaceably and quietly hold, occupy and enjoy the premises during the initial term hereof, without let, hindrance or molestation by any person lawfully claiming through or under the Party of the First Part.

(30) Any notice required by this lease to be given by either the Party of the First Part or the Party of the Second Part to the other shall be in writing, shall be sent by certified mail, return receipt requested, and shall be deemed to be given when deposited in the United States mail, postage prepaid, addressed as follows:

STATE OF OHIO LEASE (contd)

If to the Party of the First Part:

The Ohio State University
c/o The Property Management Division
1800 Cannon Drive
Columbus, Ohio 43210

or at such other address as the Party of the First Part may give notice.

If to the Party of the Second Part:

or at such other address as the Party of the Second Part may give notice to the Party of the First Part.

(31) The Party of the Second Part agrees that it shall not advertise any connection with the Party of the First Part or with The Ohio State University or make use of the University's name or other identifying marks or property or make representation, either express or implied, as to the University's promotion or endorsement of the Party of the Second Part's operation unless it has received prior written permission from the Party of the First Part's Office of Business and Administration.

(32) Any term, covenant or condition of this lease which inures to the benefit of or is binding upon the Party of the First Part shall also inure to the benefit of and be binding upon the successors and assigns of the Party of the First Part. Any term, covenant or condition of this lease which inures to the benefit of or is binding upon the Party of the Second Part shall also inure to the benefit of and be binding upon the successors and assigns of the Party of the Second Part.

STATE OF OHIO LEASE (contd)

STATE OF OHIO
PARTY OF THE FIRST PART

BY _____
JAMES A. RHODES
Governor of Ohio

The foregoing instrument was acknowl-
edged before me this _____ day of
_____, 19 ____

BY _____
RICHARD D. JACKSON, P.E., Director
Department of Administrative Services

Title or Rank

Title or Rank

THE OHIO STATE UNIVERSITY

BY _____
EDWARD Q. MOULTON, Vice President

Witnesses as to signature of Party of
the Second Part:

NORTHEND COMMUNITY CENTER COR-
PORATION
PARTY OF THE SECOND PART

APPROVED _____, 19 ____

WILLIAM J. BROWN
Attorney General of Ohio

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NO. 2002-2005

Columbus Board of Education
4/11/20

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July 21, 1978 meeting, Board of Trustees

**PURCHASE AND LEASE OF PROPERTY
NORTHWOOD ELEMENTARY SCHOOL, 5 WEST NORTHWOOD AVENUE (contd)**

Dr. Sirak: Do you highly recommend this one?

Mr. Devenow:

No, we certainly do not. The University has no choice but to move forward with it. The Committee is not happy with the program.

Mr. Galbreath:

You recommend it, but you're not happy with it.

Mr. Devenow:

I'm saying that the Committee has no choice but to recommend it and we're not happy with it - yes.

Mr. Galbreath: I wanted to get that clear.

Mr. Devenow:

Since you were unable to be here this morning I'll brief you later on it.

President Enarson:

I think because of the public interest in this it is important that I say this administration has spent a great deal of time on the matter. From the very outset we have tried to give good faith application to this whole matter. I wouldn't want anything to diminish the truth of that proposition.

Upon motion of Mr. Devenow, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution with Mrs. James, Mr. Devenow, Mr. Smith, Dr. Jacob, Mr. Hilliker, Mr. Havens, and Mr. Galbreath casting affirmative votes, Mr. Gushman casting a negative vote and Dr. Sirak abstaining from voting.

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**AUTHORIZATION FOR DESIGNATED OFFICIALS TO
BUY, SELL, ASSIGN AND TRANSFER SECURITIES AND
TO DEPOSIT OR WITHDRAW FUNDS FROM BANK ACCOUNTS**

Resolution No. 79-13

Synopsis: Authorization for designated officials to buy, sell, assign and transfer securities and to deposit or withdraw funds from bank accounts held in the name of The Ohio State University.

July 21, 1978 meeting, Board of Trustees

**AUTHORIZATION FOR DESIGNATED OFFICIALS TO
BUY, SELL, ASSIGN AND TRANSFER SECURITIES AND
TO DEPOSIT OR WITHDRAW FUNDS FROM BANK ACCOUNTS (contd)**

WHEREAS designated officials of the University buy, sell, assign and transfer stocks and bonds held in the name of The Ohio State University; and

WHEREAS BankOHIO-Ohio National Bank, The City National Bank & Trust Company of Columbus and The Huntington National Bank of Columbus have been designated as depositories for The Ohio State University; and

WHEREAS checking accounts were opened and are maintained in the name of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration and/or the Treasurer, be and hereby are jointly authorized and empowered to buy, sell, assign and transfer any and all stocks, bonds, evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities corporate or otherwise, standing in the name of or belonging to The Ohio State University in any capacity; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Administration and/or the Treasurer be authorized, on behalf of The Ohio State University, and in its name to sign checks, drafts, notes, bills of exchange, acceptances or other orders for the payment of money from said accounts; to endorse in writing or by stamp checks, notes, bills, certificates of deposit or other instruments, owned or held by this University for deposit in said accounts, or for collection or discount by said banks; to accept drafts, acceptances, and other instruments payable to said banks; to waive, demand, protest, and notice of protest, or dishonor of any check, note, bill, draft or other instrument made, drawn or endorsed by the University.

Upon motion of Mr. Devenow, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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LEASE OF LAND - TUTTLE PARK RECREATION CENTER

Resolution No. 79-14

Synopsis: Authorization requested for lease of land to the City of Columbus for Lots 132, 133, 134, 135 located in Tuttle Park Area.

WHEREAS the State of Ohio, The Ohio State University, has title to Lots 132, 133, 134 and 135 of Montgomery and McKee's Amended and Corrected Plat of Laura M. Knickerbocker's Second Subdivision, located in the Tuttle Park area, in the City of Columbus, Franklin County, Ohio; and

STATE OF OHIO LEASE

Section 123.01 (A) (9) Revised Code

File No. 2937

THIS INDENTURE OF LEASE, made and entered into this 30th day of June, 1978, in the City of Columbus, in Franklin County, Ohio, by and between the State of Ohio through its Department of Administrative Services, approved by the Attorney General, signed by the Governor and all officers of the State of Ohio acting for and on behalf of said State, Party of the First Part, and the City of Columbus, its successors or assigns, whose address is the Recreation and Parks Department, City Hall, Room 124, 90 West Broad Street, Columbus, Ohio 43215, Party of the Second Part; Witnesseth:

WHEREAS, the Department of Administrative Services has found that the real estate hereinafter described is the property of the State of Ohio under the jurisdiction of The Ohio State University; and

WHEREAS, said The Ohio State University by Board of Trustees action on July 21, 1978 approved the granting of this lease; and

WHEREAS, the Director of Administrative Services has determined that the use of said real estate, if leased for the purposes herein stated, will not materially injure or interfere with the maintenance of any of the adjacent State Land; and

WHEREAS, the Party of the Second Part has applied to the Party of the First Part for a lease of said real estate for a park for recreation facilities for public purposes; and

WHEREAS, the Party of the First Part, having considered such application of said Second Party, duly resolves to lease such real estate for the term of twenty-five (25) years commencing June 30, 1978 and ending June 29, 2003, upon the terms and conditions and under the restrictions hereinafter set forth; NOW THEREFORE:

The Party of the First Part hereby leases to the Party of the Second Part, the City of Columbus, its successors or assigns, the real estate herein described, together with the right and privilege to said Second Party, the City of Columbus, its successors or assigns, to occupy and use said real estate for a park for recreation facilities for the public purposes for the term of twenty-five (25) years under the conditions and restrictions as hereinafter set forth, said real estate being described as follows:

DESCRIPTION

Situated in the County of Franklin, in the State of Ohio, and in the City of Columbus, and bounded and described as follows:

Being Lots Numbers One Hundred Thirty-two (132), One Hundred Thirty-three (133), One Hundred Thirty-four (134) and One Hundred Thirty-five (135) of Montgomery and McKee's Addition, as the same are numbered and delineated upon the recorded plat thereof,

STATE OF OHIO LEASE (contd)

of record in Plat Book 5, Page 102, Recorder's Office, Franklin County, Ohio. The above property was granted to the State of Ohio by Deed from Marie Fogle and Ross G. Fogle, her husband, said Deed being recorded in the Franklin County Recorder's Office Deed Record Volume 1218, Page 463, 464, 462 and 466.

Subject to conditions, restrictions and easements, if any, contained in prior recorded instruments affecting the above described premises, and applicable to The Ohio State University.

This lease is granted subject to the following conditions and reservations:

(1) It is distinctly understood and agreed that the Party of the Second Part shall not permit the premises to be used for immoral purposes, nor allow to be sold thereon any spirituous or intoxicating drinks under penalty of forfeiture of this lease.

(2) The Party of the Second Part so far as permitted by law, or any of its agents or contractors are not released from any liability for any damages or claims arising out of any act, omission, or neglect during the construction, operation, or maintenance of the property, which is the subject of this agreement.

(3) The Party of the Second Part shall keep removed from the adjacent lands not subject to this lease any and all earth, timbers, and other material or debris which may be deposited thereon by reason of the use of land leased herein by said Party of the Second Part, and the Party of the First Part, at any time, may remove such material or debris at the expense of said Party of the Second Part.

(4) The Party of the Second Part hereby agrees to keep the premises herein leased clean and sanitary and free from weeds, vines, deadfall, and debris of all kinds in compliance with this lease and other State and local requirements, and upon its failure to do so the Director of Administrative Services may have the necessary work performed at the expense of said Party of the Second Part.

(5) The Party of the Second Part agrees that the real estate herein being leased shall be so used and maintained at all times as not to interfere with the maintenance of any part of the adjacent land of the State.

(6) This lease is hereby expressly made subject to all prior leases and grants heretofore made for any portion of the real estate embraced in this lease, and subject to the renewal of such leases and grants during the entire term of this lease.

(7) The Party of the Second Part hereby agrees to pay, when due, any and all taxes and assessments duly levied against the herein described real estate, including every building or other valuable structure erected thereon.

(8) If the Party of the Second Part commits any act or permits anything to be done that is prohibited by any State or local regulation, all the rights and privileges derivable to said Second Party from this agreement shall, at the option of the Party of the First Part, cease and determine, this lease may be cancelled, and said Second Party shall be liable for any and all damages consequent upon such violation and cancellation of this agreement.

STATE OF OHIO LEASE (contd)

(9) The Party of the Second Part shall pay to the Treasurer of the State of Ohio at Columbus, Ohio, or such other agent as the Party of the First Part may authorize, the sum of One Dollar (\$1.00) the receipt of which is hereby acknowledged.

(10) It is also further agreed and understood that, if said Second Party fails to comply with any of the conditions of this lease as herein set forth, then this lease shall, at the option of the said Party of the First Part hereto, become null and void, and it is expressly agreed and understood that the receipt of rental after any act of forfeiture hereof by the Party of the Second Part hereto shall not be held to be a waiver by the Party of the First Part of its right to declare such forfeiture and cancel this lease and the Party of the First Part may enter upon and take possession of the premises upon sixty (60) days written notice to the Party of the Second Part.

(11) It is further distinctly understood and agreed that this lease shall not be assigned, transferred or sublet without the written consent of the Director of Administrative Services.

(12) Cancellation of the lease by the State of Ohio will result if the City of Columbus fails to create a public park from said property within three (3) years after signing of the lease by the State of Ohio, or if the City of Columbus ceases to use said property for a public park.

(13) The signing of the lease by the Party of the First Part is conditioned upon the Columbus City Council's stipulating, in its action accepting this lease to said property, that the said public park created by the City of Columbus, will be available for use, without restrictions, by the students, faculty and staff of The Ohio State University, and also upon the vacation by the City of Columbus of the following streets and alleys in the City of Columbus between the points mentioned:

Woodruff Avenue,	from the west line of High Street to west line of Tuttle Park Place;
Frambes Avenue,	from the west line of Neil Avenue to the east line of Tuttle Park Place;
Alley South of Lane Avenue,	from the west line of Neil Avenue to the east line of Tuttle Park Place;
Alley South of Frambes Avenue,	from the west line of Neil Avenue to the east line of Tuttle Park Place;
Neil Avenue,	from the north line of Woodruff Avenue to the south line of Lane Avenue;
Tuttle Park Place,	from the north line of Woodruff Avenue to the south line of Lane Avenue

STATE OF OHIO LEASE (contd)

STATE OF OHIO
PARTY OF THE FIRST PART

BY _____
JAMES A. RHODES
Governor of Ohio

The foregoing instrument was acknowl-
edged before me this _____ day of
_____, 19____

BY _____
RICHARD D. JACKSON, P.E., Director
Department of Administrative Services

Title or Rank

Title or Rank

Witnesses as to signature of Party
of the Second Part:

BY _____
THE OHIO STATE UNIVERSITY
Edward Q. Moulton, Vice President
PARTY OF THE SECOND PART
CITY OF COLUMBUS

APPROVED _____, 19__

CITY OF COLUMBUS, OHIO
Melvin B. Dodge, Director

WILLIAM J. BROWN
Attorney General of Ohio

July 21, 1978 meeting, Board of Trustees

LEASE OF LAND - TUTTLE PARK RECREATION CENTER (contd)

WHEREAS the City of Columbus wishes to lease said Lots for a term of 25 years, for a park for recreation facilities for public purposes; and

WHEREAS the park will provide recreation facilities for the public, including The Ohio State University students, staff and faculty without reservations; and

WHEREAS it has been determined that the leasing of this land will not interfere with current or anticipated future use of adjacent University land; and

WHEREAS the present leasing of said land constitutes an action supplementary to and does not conflict with a prior Board resolution of 1975 authorizing the transfer of title to this land to the City of Columbus; and

WHEREAS at the proper time, the intent of the 1975 resolution will be carried out:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in completing the necessary legal instruments to provide for such lease.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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COMPUTER CONTRACTS

President Enarson:

The next item was also reviewed by the Committee this morning. Approval is requested to enter into lease purchase agreements with ITEL Corporation and Park Leasing Corporation for computer equipment. There were some questions raised and I'm not sure those have been resolved by now. Perhaps Dr. Moulton would speak to this.

Dr. Moulton:

There were two questions, quite valid questions that were raised. One concerned what would happen if ITEL took bankruptcy. Who would own the equipment? As a condition of lease the University can buy out the contract at any time. Therefore, if bankruptcy were taken we would buy the equipment and self-finance it or find another finance agent. As far as the determination as to whether the machinery is being maintained in a satisfactory condition, there are basically

July 21, 1978 meeting, Board of Trustees

COMPUTER CONTRACTS (contd)

Dr. Moulton: (contd)

three legal alternatives. One is that such a determination would be by the owner solely, which would be not in our interest. The other is to say it would be determined by the user, and I don't think any owner would allow that determination to govern. The last one is that it would be mutually determined. In such a case, if there were a disagreement obviously litigation would have to be initiated by the owner, which would be in our interest.

Mr. Gushman: Or by a third party.

Dr. Moulton:

Or a third party, that's correct. I talked to Mr. Davis and he's cleared us, so we feel that it is a satisfactory arrangement.

Mr. Devenow:

On the basis of that, Mr. Chairman, the Committee recommends that we enter into this contract.

Resolution No. 79-15

Synopsis: Approval is requested to enter into lease-purchase agreements with ITEL Corporation and Park Leasing Corporation for computer equipment.

WHEREAS it has been determined that a need exists to increase the capacity of the University's administrative data processing equipment to service a broad range of University activities, and the most cost-effective manner in which this can be accomplished is to relocate from the Instruction and Research Computer Center (IRCC) to University Systems the principal computer equipment now located at IRCC and obtain new equipment for IRCC; and

WHEREAS bids were solicited, in accordance with specifications developed by the Director of IRCC and the Department of Purchasing, for the lease-purchase of computer equipment to replace the principal computer now used by IRCC to support University activities; and

WHEREAS three bids were received and ITEL Corporation's proposal to provide a Model 470 V/6-II AMDAHL central processor and related features, to be paid for on a monthly basis over the period October 1, 1978 through September 30, 1982 was considered to be the lowest and best bid received; and

July 21, 1978 meeting, Board of Trustees

COMPUTER CONTRACTS (contd)

WHEREAS it also has been determined that a need exists to upgrade the computer equipment used to support the Computer Graphics Research Group of the College of the Arts, and for this purpose bids were solicited, in accordance with specifications developed by the College of the Arts and the Department of Purchasing for the lease-purchase of a new computer system; and

WHEREAS four bids were received and Park Leasing Corporation's proposal to provide a Model PDP-11/780 computer system manufactured by Digital Equipment Corporation, to be paid for on a monthly basis over the period August 1, 1978 through July 31, 1984, was considered to be the lowest and best bid received:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to enter into a lease-purchase agreement with ITEL Corporation essentially in the form attached hereto and incorporated herein by reference.

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to enter into a lease-purchase agreement with Park Leasing Corporation essentially in the form attached hereto and incorporated herein by reference.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS

Resolution No. 79-16

Synopsis: Approval for reimbursement of expenses for designated Administrative Officials is requested.

WHEREAS the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University:

NOW THEREFORE

July 21, 1978 meeting, Board of Trustees

REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS (contd)

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

Upon motion of Mr. Devenow, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - FISCAL AFFAIRS COMMITTEE
UNIVERSITY HEALTH SERVICE PROFESSIONAL LIABILITY COVERAGE**

Resolution No. 79-17

Synopsis: Authorization for the purchase of professional liability insurance for University Health Service personnel is requested.

WHEREAS Section 3345.201 O.R.C. authorized the Board of Trustees to purchase liability insurance covering employees at the University Hospitals; and

WHEREAS Section 2305.11 (D) (1) O.R.C. redefines "Hospital" to include any clinic that employs a full-time staff of physicians practicing in more than one recognized medical specialty and rendering advice, diagnosis, care and treatment to individuals; and

WHEREAS Section 2743.02 (C) O.R.C. authorized any hospital (as defined in Section 2305.11 (D) (1) above) to purchase liability insurance covering the activities of its staff; and

WHEREAS a comprehensive review of the University's needs and limitations has been made by various University officials and legal counsel; and

WHEREAS on the basis of this evaluation, it has been determined that a liability insurance program may be established within appropriate fiscal and legal parameters:

NOW THEREFORE

BE IT RESOLVED THAT, Pursuant to Section 2743.02 (C) and 3345.201 O.R.C., the President and/or Vice President for Business and Administration be authorized to purchase professional liability insurance for specified staff members of the University Health Service while acting within the scope of their assigned duties/responsibilities; and

IN FURTHERANCE OF THE ABOVE, BE IT RESOLVED THAT, The President and/or Vice President for Business and Administration be authorized effective July 1, 1978 to purchase individual liability insurance policies consistent with the following guidelines:

July 21, 1978 meeting, Board of Trustees

**REPORT - FISCAL AFFAIRS COMMITTEE
UNIVERSITY HEALTH SERVICE PROFESSIONAL LIABILITY COVERAGE (contd)**

- 1) The limits of liability per policy shall be \$100,000 per occurrence and \$300,000 annual aggregate
- 2) The estimated annual premium is \$23,000
- 3) This program shall be reviewed annually with the appropriate University officials prior to any renewals.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - FISCAL AFFAIRS COMMITTEE
EMPLOYMENT OF INVESTMENT COUNSELORS**

Resolution No. 79-18

Synopsis: The Huntington National Bank of Columbus and The National City Bank of Cleveland are being proposed to serve as bond counsel.

WHEREAS the Fiscal Affairs Committee has reviewed the investment policies relating to the University's investment portfolio; and

WHEREAS the Fiscal Affairs Committee has been interviewing numerous banks and investment companies to act as bond counsel for the Endowment Fund; and

WHEREAS twelve companies were interviewed and the Committee has recommended that two organizations should be considered for bond counsel; namely, The Huntington National Bank of Columbus and The National City Bank of Cleveland:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to contract for the services of The Huntington National Bank of Columbus and The National City Bank of Cleveland with each to manage an initial amount of approximately \$15,000,000.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution with eight affirmative votes and Mr. Gushman abstained from voting.

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July 21, 1978 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-19

RESOLVED, That the report on the University's Investment Portfolio dated June 30, 1978, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, September 8, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Howard D. Sirak
Chairman

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APPENDIX I

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION
August 31, 1978

The Recipient of Honors

Tom Moody Doctor of Laws

To the demanding tasks of public life, Tom Moody has brought fairness, courage, leadership, and a dedication to the people of Columbus he now serves as mayor. As a lawyer, city council member, judge, and chief executive of a major city, he has responded to the call of public service and has built a distinguished career. In a relatively short span of years, he has become a respected leader in his field, as evidenced by his election in 1977 as president of the National League of Cities, president of the International Union of Local Authorities, and as member of the Advisory Board of the United States Conference of Mayors. He has earned the title, "public servant," in all its full and finest meaning.

Recipients of the Distinguished Service Award

Harold J. Grimm

As one of America's leading historians, Harold J. Grimm has enriched this University for more than three decades as professor, research scholar, and academic administrator. He has made a lasting contribution to the development of historical scholarship at this University.

He earned the personal esteem and professional recognition of his colleagues for a career of high distinction. The numerous honors and awards he has received attest to the breadth and quality of his accomplishments in his field and of his exemplary service to the University and community.

Beyond Dr. Grimm's contributions as scholar and as the distinguished chairman of the Department of History, his commitment to his students as teacher and mentor reflects the high vision of education which he holds. His dedication to those he teaches is reflected in the publication of a world-renowned textbook, as well as in the notable monographs he has written.

James R. McCoy

For nearly 45 years James R. McCoy devoted his personal and professional life to this University, interrupting his efforts only for wartime service. With high distinction, he served in positions of increasing responsibility, culminating in his distinguished leadership as dean of the College of Administrative Science.

To every assignment and role he accepted in behalf of this University, his alma mater, he brought a loyalty, a dedication, and a continuing desire to work toward the goal of educational excellence. Particularly notable were the contributions he

made through his service on the Athletic Council, the Council on Academic Affairs, and the University Senate.

Dean McCoy's deep involvement in his community, his profession, and this University and his commitment to their improvement have earned the respect and admiration of the many whose lives he has enriched.

Edwin L. Mitchell

The crucial role Edwin L. Mitchell played in the establishment and successful development of the Marion Campus has demonstrated the full measure of his dedication to the advancement of education and the service of this University.

As chairman of the Marion Area College Foundation, he helped raise the funds necessary to establish and build what has become a vital academic arm of Ohio State. An articulate and effective spokesman, he led the Marion Campus Citizens Council with authority and great skill.

Mr. Mitchell's deep concern for this University and for education is further reflected in his distinguished service as member and chairman of the Alumni Advisory Board and as a member of the National Council for the College of Law. The numerous tributes and honors he has received reveal the breadth of his many contributions and the high regard in which he is held by his fellow citizens.

Edward F. Wagner

As member and former chairman of the Development Fund Board of this University, Edward F. Wagner served with great distinction. Under his dynamic and innovative leadership, the University's fund-raising activities were reorganized and their results were increased dramatically, leading to three years of record-breaking success.

He also played an essential role in the initial development of a program to enhance the ties between the University and the central Ohio community. His memberships in The Presidents Club and the Alumni Association further reflect his continuing commitment to The Ohio State University.

For his generous investment of time and his personal efforts in support of higher education, Mr. Wagner has earned the continuing respect of his many friends and associates on the campus and in the community. His extensive background and influence in business and civic affairs have been of invaluable assistance to this University in pursuit of its goal of excellence.

Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

Three candidates

Istvan Paku Korody, Columbus; B.M., M.M. (Case Western Reserve University); *Music*; Dr. Sylvia Zarembo, Dr. David M. Butler

Roger Trent Nohl, Columbus; B.Mus., M.Mus.; *Music*; Dr. Richard Tetley-Kardos

Douglas Paul Starr, Westerville; B.Mus., M.Mus.; *Music*; Dr. Marshall H. Barnes

Doctor of Philosophy

One hundred and ninety candidates

Marie Heinrich Abram, Columbus; B.S.Ed., M.S.; *Education*; Dr. William D. Dowling

Riadh Abdul-Latif Ahmad, Baghdad, Iraq; B.S.Agr. (Mosul University); M.S.; *Agronomy*; Dr. Paul R. Henderlong, Dr. John G. Streeter

Chris Thomas Allen, Seville; B.S., M.B.A. (Michigan State University); *Business Administration*; Dr. Frederick D. Sturdivant

Kenneth Paul Ambrose, Columbus; B.A. (West Virginia Wesleyan University); M.A. (Marshall University); *Sociology*; Dr. Russell R. Dynes

Peter Anthony Antonoplos, Dayton; B.A. (Wittenberg University); M.Ed. (Wright State University); *Education*; Dr. Charles M. Galloway

Jane Henry Applegate, Columbus; B.S.Ed., M.A.; *Education*; Dr. Ronald R. Cruickshank

Joseph William Arwady, Towson, Md.; B.A. (Capital University); M.S. (Towson State College); *Education*; Dr. John C. Belland

Sandra Korman Auburn, Columbus; B.A., M.A. (University of Akron); *Communications*; Dr. Sheila M. Goff

Leda Maria Benevello de Castro, Juiz de Fora, Brazil; Diploma of Social Ass. (Faculdade de Servico Social de Juiz de FORA); Mestrado em Extensao Rural (Viosa Federal University); *Agricultural Economics and Rural Sociology*; Dr. Frederick H. Buttel

John Bernard Bennett, III, Cambridge; B.S. (Musingham University); M.A.; *Physical Education*; Dr. Edward L. Fox

Barbra Fridrich Bergman, Columbus; B.S. (Cleveland State University); M.A.; *Psychology*; Dr. Charles Wenar

Robert Gary Berns, Urbana; B.S.Ed. (Bowling Green State University); M.A.; *Education*; Dr. Neal E. Vivian

Alan Joseph Bitonti, Lyndhurst; B.A. (Miami University); *Pharmacology*; Dr. Daniel Couri

Jeffrey James Blaga, Cincinnati; B.S.Ed., M.A.; *Education*; Dr. M. Eugene Gilliom

Andrew Roger Bodman, Porlock, England; B.A. (University of Cambridge); M.A.; *Geography*; Dr. George J. Demko

Ronald James Boggs, Pitcairn, Pa.; B.A., M.A. (University of Pittsburgh); *History*; Dr. Marvin R. Zahniser

Allen Ray Bohl, Biloxi, Miss.; B.S.Ed. (Bowling Green State University); M.Ed. (University of Southern Mississippi); *Physical Education*; Dr. Lewis A. Hess

Betsy Etheridge Brown, Columbus; B.S. (Appalachian State Teachers College); M.A.; *English*; Dr. Morris Beja

Timothy Matthew Burns, Columbus; A.B. (John Carroll University); M.A. (Georgetown University); *Education*; Dr. Alexander Frazier

Joseph Alan Butler, Columbus; B.S.Ed. (Miami University); M.S.; *Zoology*; Dr. Sheldon I. Lustick

James Allen Campbell, Fayetteville, Ark.; B.A. (University of Texas at Austin); M.S. (University of Arkansas); *Home Economics*; Dr. Jean D. Dickerscheid

Janis Graham Campbell, Garfield Heights; B.S.Nurs., M.S.; *Education*; Dr. Robert R. Bargar

George Haworth Carroll, Urbana; B.A. (Wilmington College); M.A.; *Education*; Dr. Robert E. Jewett

Robert Wood Carter, Columbus; B.A. (Waynesburg College); M.A.; *Education*; Dr. Roy A. Larnae

Allen McGarry Cassell, Hyde Park, N. Y.; B.S. (State University of New York College at Brockport); M.A.; *Physical Education*; Dr. Walter F. Erving

Timothy Robert Cassity, McDermott; B.S. (Ohio University); M.S.; *Microbiology*; Dr. Bruno J. Kolodziej

James Vincent Cellini, III, Utica, N. Y.; B.A. (Utica College of Syracuse University); M.A.; *Psychology*; Dr. Donald M. Dell

Larry Joseph Cepek, Columbus; B.S.Ed., M.A.; *Education*; Dr. I. Keith Tyler

Ernest Walter Chamot, Brookfield, Ill.; B.S. (University of Illinois); *Chemistry*; Dr. Leo A. Paquette

Anthony H. K. Chen, San Francisco, Calif.; B.S. (University of California); M.S.; *Food Science and Nutrition*; Dr. Foull M. T. Hansen

Hung-yuan Cheng, Taipei, Taiwan, R.O.C.; B.S. (National Tsing Hua University); *Chemistry*; Dr. Richard L. McCreery

Jei-Cheng Cheng, Su-do, Taiwan, R.O.C.; B.A. (National Cheng Chi University); M.A.; *Communication*; Dr. Thomas A. McCain, Dr. Victor D. Wall, Jr.

Mu-Lan Hsu Cheng, Eingtung, Taiwan, R.O.C.; B.S. (National Cheng Chi University); *Communication*; Dr. Robert R. Monaghan

Mary Martin Claytor, Columbus; B.S.Ed. (Bluefield State College); M.A.; *Education*; Dr. Donald J. Tosi

David Lee Clinefelter, Columbus; B.A. (Graceland College); M.A.; *Education*; Dr. Jack R. Frymier

William Thomas Cochran, Hustonville, Ky.; B.A. (Berea College); M.S.; *Physics*; Dr. James R. Gaines

Arnold Sidney Cohen, Columbus; B.A. (Dickinson College); M.A.; *Classics*; Dr. Jane M. Snyder

Georgia Chamberlin Collins, Lexington, Ky.; B.A.Ed., M.S.Ed. (University of Kentucky); *Art Education*; Dr. Robert L. Arnold

Robert Joseph Collins, Columbus; B.A. (Xavier University); M.A.; *English*; Dr. John M. Muste

Ward James Collis, Northfield; B.S.E.E., M.S. (Northwestern University); *Electrical Engineering*; Dr. Arthur E. Middleton

Stephen Jay Corwin, Columbus; B.S.Bus.Adm., M.A.; *Education*; Dr. Herman J. Peters

Anne Marie Crimmings, Bronxville, N. Y.; B.A. (Le Moyne College); M.A.; *Psychology*; Dr. Donald M. Dell

Trisha Curran, Columbus; B.A. (Notre Dame College of Staten Island); M.A. (New York University); *Education*; Dr. Donald R. Bateman

Edward Warner Davis, Tempe, Ariz.; A.B. (University of Michigan); M.S.W. (Loyola University); *Social Work*; Dr. Milton S. Rosner

Donna Berner Deane, Springfield; B.S.Nurs., M.S.; *Education*; Dr. Luvern L. Cunningham

Nancy De Luca, Howard Beach, N. Y.; B.A. (Queens College); M.S.; *Chemistry*; Dr. Andrew Wojcicki

John William Dickens, Blacksburg, Va.; B.S., M.S.E.D. (Virginia Polytechnic Institute); *Agricultural Education*; Dr. J. Robert Warmbrod

James Vincent DiGiambattista, Trafford, Pa.; B.S. (Saint Vincent College); M.A.; *Education*; Dr. John C. Belland

Delia Mary Dowling, Baltimore, Md.; A.B. (College of Notre Dame of Maryland); M.S.; *Education*; Dr. F. Joe Crosswhite

John Carah Dunn, Jr., Columbus; B.A. (Otterbein College); M.A.; *Education*; Dr. Robert R. Bargar

Robert Theodore Eckert, Pennellville, N. Y.; B.S., M.S. (State University of New York College of Forestry at Syracuse; *Botany*; Dr. Carroll A. Swanson, Dr. Gordon E. Gathernum

Robert John Edgar, Frewville, Australia; B.S. (University of Adelaide); M.A.; *Economics*; Dr. William G. Dewald

Ernest Paul Ekelman, Jr., Columbus; B.S.E.E. (Ohio University); M.S.; *Electrical Engineering*; Dr. Gary A. Thiele

Shoji Ekuon, Tokyo, Japan; B. Sociology, M.Soc.Sci. (Hitotsubashi University); *Sociology*; Dr. Christen T. Jonassen

William Carson Ellis, Roanoke, Va.; B.A. (University of Virginia); M.A.; *English*; Dr. Daniel R. Barnes

Sandra Jill Emig, Liberty, Mo.; B.Mus., M.A.; *Music*; Dr. William Poland

Margaret Louise Engelbach, Hopewell, Va.; B.S., M.S. (Montana State University); *Home Economics*; Dr. Mary Laptisky

Alan Escovitz, Cleveland Heights; B.S. (Ohio University); M.A.; *Education*; Dr. William D. Dowling

Chris Wayne Eskridge, Provo, Ut.; B.S. (Brigham Young University); M.A.; *Public Administration*; Dr. Harry E. Allen

- Najarria Hurst Esty, Bozeman, Mont.; A.B. (Oberlin College); M.A. (University of Montana); *Romance Languages and Literatures*; Dr. Hans E. Keller
- Alan Jeffrey Fenn, Chicago, Ill.; B.S. (University of Illinois at Chicago Circle); M.S.; *Electrical Engineering*; Dr. Gary A. Thiele
- Guadalupe Ferran, Brooklyn, N. Y.; B.A. (Hunter College); M.A.; *Education*; Dr. Aaron J. Miller
- Ronald Charles Fetzer, Middleton; A.B. (Heidelberg College); M.A. (Kent State University); *Education*; Dr. George L. Lewis
- Quentine Dingle Finch, Durham, N. C.; B.S. (North Carolina College at Durham); M.Ed. (University of North Carolina); *Education*; Dr. Vance W. Cotter
- David James Ford, Columbus; B.S. (Massachusetts Institute of Technology); M.S.; *Mathematics*; Dr. Hans Zassenhaus
- Patricia Ann Franklin, Montgomery, Ala.; B.S. (Alabama A & M University); M.A.Ed. (Tennessee State University); *Education*; Dr. Mildred Hillestad
- Mark Stewart Freedman, Durham, N. C.; A.B. (Bard College); M.A. (University of North Carolina); *Physical Education*; Dr. Daryl Sidentop
- Janet Ann Gill, Campbell; B.A. (Hiram College); M.Ed. (Bowling Green State University); *Education*; Dr. Donald J. Tosi
- Jeffrey Bruce Gold, Beachwood; B.A. (University of Wisconsin); M.A.; *Philosophy*; Dr. Robert G. Turnbull
- Bonnie Zucker Goldsmith, Mayfield Heights; B.A. (Miami University); M.A.; *English*; Dr. Morris Beja
- Teresa Joanne Gonya, Lebanon, Pa.; B.S. (Pennsylvania State University); M.S.; *Physiology*; Dr. Bradford T. Stokes
- E. L. Goodman, Columbus; B.A. (University of Bridgeport); M.A.; *History of Art*; Dr. Francis L. Richardson
- Earnestine Green, Swainsboro, Ga.; B.S. (Fort Valley State College); M.A.; *Communication*; Dr. Goodwin F. Berquist
- Mary Noecker Guadagno, Buffalo, N. Y.; B.A. (State University of New York College at Buffalo); M.S.; *Home Economics*; Dr. Francille M. Firebaugh
- Larry Lee Gulick, Columbus; B.S., M.Ed. (Ohio University); *Education*; Dr. Anthony C. Riccio
- Ephraim Tobela Gwebu, Bulawayo, Rhodesia; B.S.Ed. (Njala University); *Physiological Chemistry*; Dr. Rao V. Panganamala
- Richard Darrell Hansen, Portsmouth; B.S.Ed., M.S.T. (Cornell University); *Education*; Dr. Bernard J. Mehl
- Gary Robert Harris, Barberton; B.A. (University of Akron); M.A.; *German*; Dr. Hugo Bekker
- Catherine Mary Hartnett, Albany, Ga.; B.S. (Ohio Dominican College); *Sociology*; Dr. Simon Dinitz
- Thomas Edward Harvey, Albuquerque, N. M.; B.A., M.A. (Brigham Young University); *Education*; Dr. Edward D. Allen
- Patricia Ann Hebda, Detroit, Mich.; B.S. (Michigan State University); *Biochemistry*; Dr. George A. Barber
- Thomas John Hemmert, Appleton, Wis.; B.S.Ed., M.Ed. (Ohio University); *Physical Education*; Dr. Walter F. Erving
- Rosemary Tysko Hornak, Martins Ferry; B.A. (Wheeling College); M.A.; *Psychology*; Dr. Delos D. Wickens
- John Howard, Jr., Columbus; B.S. (University of Cincinnati); M.A.; *Education*; Dr. James K. Duncan
- Robert Lee Howard, Wilberforce; B.A. (Williams College); M.B.A. (University of Chicago); *Business Administration*; Dr. Wilbur A. Rapp
- Charlotte Ann Huddle, Columbus; B.S. (Olivet Nazarene College); M.A.; *Education*; Dr. Donald J. Tosi
- Nicholas Kenneth Iammarino, Columbus; B.S.Ed. (University of Dayton); M.Ed. (University of Toledo); *Health Education (Physical Education)*; Dr. Philip Heit
- Phyllis Jean Johnson, Oketo, Kan.; B.S., M.S. (Kansas State University); *Home Economics*; Dr. Francille M. Firebaugh
- John Malcolm Johnston, Knoxville, Tenn.; B.S. (University of Texas); M.S.Ed. (University of Tennessee); *Education*; Dr. Kevin Ryan
- Barry Travis Jones, Lamesa, Calif.; A.B. (San Diego State College); M.A.; *Psychology*; Dr. John E. Horrocks
- Alpha Yayah Kaikai, Baltimore, Md.; B.A. (Morgan State College); *Political Science*; Dr. Chadwick F. Alger
- Sulsaeman Kamil, Bogor, Indonesia; Sardjana IR (Bandung Institute of Technology); M.S.; *Mechanical Engineering*; Dr. Truman G. Foster, Dr. Walter L. Starkey
- Cheng Shu Kao, Taipei, Taiwan, R.O.C.; B.A. (Tungshai University); M.A.; *Sociology*; Dr. Laurel R. Walum
- Suzanne Wigert Karam, St. Louis, Mo.; M.A.; *Sociology*; Dr. Christen T. Jonassen
- Kathleen Agnes Kelly, Columbus; B.A. (Saint Mary's College); M.A.; *English*; Dr. Edwin W. Robbins
- Richard Donald Kilker, Jr., Freeport, Ill.; A.B. (Augusta College); *Biochemistry*; Dr. George S. Serif
- William Searle Kloetzer, Warren Wood, Mo.; B.A. (Millikin University); M.S. (Saint Louis University); *Anatomy*; Dr. Ronald L. St. Pierre
- Joo Ok Koo, Yungnam, Korea; B.S. (Seoul National University); M. Public H. (Yonsei University); M.S. (Ohio University); *Statistics*; Dr. Paul I. Feder
- Donald Robert Karhn, Seymour, Wis.; B.A. (Saint Olaf College); M.S.; *Physics*; Dr. Philip E. Wigen
- Ronald C. Kramer, Tiffin; B.Ed. (University of Toledo); M.S.; *Sociology*; Dr. Joseph E. Scott
- Dennis Krausman, Dayton; B.E.E. (Villanova University); M.S.; *Electrical Engineering*; Dr. Robert B. Lackey
- Naomi Susan Leventhal, Columbus; B.S. (State University of New York College at Albany); M.A.; *English*; Dr. Patrick B. Mullen
- Benjamin Lloyd Lichtin, Cincinnati; B.A. (University of Cincinnati); M.S.; *Mathematics*; Dr. Yung-Chen Lu
- Jack Norman Liles, Coloma, Mich.; B.M. (Western Michigan University); M.A.; *Music*; Dr. A. Peter Costanza
- Charlet Ruth Cole Lindley, Stanwood, Wash.; A.B. (Whitman College); *Chemistry*; Dr. Jack G. Calvert
- John Hunter Lingle, Cincinnati; A.B. (Davidson College); *Psychology*; Dr. Thomas M. Ostrom
- Philip David Lipetz, Columbus; B.A. (Antioch College); M.S.; *Biophysics*; Dr. Karl Kornacker
- Linda Jean Lombardino, Morristown, N. J.; B.S.Ed., M.A.Ed. (Seton Hall University); *Communication*; Dr. James D. MacDonald
- Joseph Colman Loon, Kiryat Tivon, Israel; B.S., M.S. (University of Cape Town); M.S.; *Geodetic Science*; Dr. Urho A. Uotila
- Nancy Lynn Lust, Columbus; B.S., M.A. (University of Illinois); *Education*; Dr. Anthony C. Riccio
- Karen Sue Lyness, Columbus; B.A. (Miami University); M.A.; *Physiology*; Dr. Milton D. Hakel
- Gerald Martin Mager, Bedford Heights; A.B., M.A. (John Carroll University); *Education*; Dr. Charles M. Galloway
- Edward Dennis Makruski, Columbus; B.A., M.A.; *Education*; Dr. Richard N. Pratte
- Hsiang-Kuen Mao, Taipei, Taiwan, R.O.C.; B.Sc. (Tungshai University); M.S. (West Texas State University); *Chemistry*; Dr. Daniel L. Leussing
- Michael Wen-Hsiung Mao, Springfield; B.S. (National Taiwan Normal University); M.S.; *Microbiology*; Dr. Samuel Rosen
- Mary Kathleen Marvel, Columbus; A.B. (Indiana University); M.A.; *Political Science*; Dr. Randall B. Ripley
- Rodolfo del Mundo Matienzo, Santo Domingo, Philippines; B.S.Ag. (University of the Philippines); M.Sc. (University of Oregon); *Agricultural Economics and Rural Sociology*; Dr. Dale W. Adams
- David Lee Matson, Cedarville; A.B. (Cedarville College); M.A.; *Music*; Dr. A. Peter Costanza
- Michael Ray McCormick, Marion, Ill.; B.A., M.A. (Southern Illinois University); *History*; Dr. K. Austin Kerr
- Risse Layne McDuffee, Bellefontaine; B.S.H.Ec. (Berea College); M.S.Ed. (University of Kentucky); *Home Economics*; Dr. Julia I. Dulyrmyle
- Garth Shermin McHattie, Conneaut; B.S.Ed. (Youngstown State University); M.S.Ed. (Slippery Rock State College); *Physical Education*; Dr. Charles L. Mand
- Sandra McMillan, Birmingham, Ala.; B.S., M.Ed. (University of Montevallo); *Physical Education*; Dr. Daryl Sidentop
- Abdul Jalil Mian, East Pakistan, Pakistan; B.A., M.A. (University of Dacca); M.S.; *Agricultural Economics and Rural Sociology*; Dr. M. Eugene Cravens
- William Robert Midden, East Alton, Ill.; B.A. (Saint John's University); *Biochemistry*; Dr. Edward J. Behrman
- David Eugene Millhorn, Chattanooga, Tenn.; B.S. (University of Chattanooga); M.A.T. (Emory University); M.S.; *Physiology*; Dr. Joseph A. Lipsey

- Glenn Wesley Milligan, Huntington Beach, Calif.; B.A. (University of Southern California); M.A. (California State University—Long Beach); *Psychology*; Dr. Paul D. Isaac
- Mohamed Hago Mohamed, Barkat, Sudan; B.Sc. (University of Khartoum); M.S.; *Agricultural Education*; Dr. William L. Hull
- Seif El-Din Fageer Mohamed, Columbus; B.S. (University of Khartoum); M.S.; *Horticulture*; Dr. Evan K. Alban
- Robert Lee Moore, Zanesville; B.A.A.E., M.Sc.; *Aeronautical and Astronautical Engineering*; Dr. Buford E. Gatewood
- Sylvia Fubini Moore, Columbus; A.B. (Smith College); M.P.H. (University of Michigan); M.A.; *Economics*; Dr. Herbert S. Parnes
- Raymond Herold Morton, Pleasanton, Calif.; B.S., M.Ed. (University of California at Davis); *Agricultural Education*; Dr. J. David McCracken
- Gerald Patrick Mulderig, Kingston, Pa.; B.A. (University of Scranton); M.A.; *English*; Dr. Richard D. Altick
- John Willard Munford, Bedford, N. H.; B.A. (University of New Hampshire); M.S.; *Zoology*; Dr. Lewis Greenwald
- Katherine Kincaid Newman, Chicago, Ill.; B.A. (Carleton College); M.A. (University of Chicago); *Education*; Dr. Kevin Ryan
- Samuel Afolorunsho Olawuyi, Ilorin, Nigeria; B.A., Post Graduate Art Teacher's Certificate (Ahmadu Bello University); M.A. (Ohio University); *Art Education*; Dr. Arthur D. Eftand
- Joseph Philip Omaggio, Philadelphia, Pa.; B.S. (Pennsylvania State University); M.S.; *Physics*; Dr. Philip E. Wigen
- John Edward Orban, Cleveland; B.S. (University of Dayton); M.S.; *Statistics*; Dr. Douglas A. Wolfe
- Stephen Orise Oru, Columbus; B.A. (Ahmadu Bello University); *Art Education*; Dr. Arthur D. Eftand
- Rheba W. Otey, Columbus; B.A. (Wilberforce University); M.A.; *Education*; Dr. Frank J. Zidonis
- James Carl Papritan, II, Lancaster; B.S.Agr., M.S.; *Agricultural Education*; Dr. Ralph E. Bender
- Timothy James Perri, Winchester, Ky.; B.S. (University of Kentucky); M.A.; *Economics*; Dr. Donald O. Parsons
- Anne Allyn Roshier Peterson, Columbus; B.A., M.A. (University of Chicago); *Education*; Dr. M. Eugene Gilliom
- Cecilia Anne Pinkerton, Columbus; B.A. (Ohio University); M.A.; *Psychology*; Dr. Henry Leland
- Louise Bourbeau Poirier, Columbus; B.A., Diplome, Brevet Specialise (Universite Laval); *Art Education*; Dr. Kenneth Marantz
- Roger Wallace Polkinghorne, Adelaide, Australia; B.Ag.Sc., M.Ag.Sc. (University of Adelaide); *Poultry Science*; Dr. Walter R. Harvey
- Randy Beth Pollack, Bronx, N. Y.; B.S. (State University of New York College at Stony Brook); M.A.; *Anthropology*; Dr. Frank E. Poirier
- Lorri Patton Porcello, Cleveland Heights; B.S. (Purdue University); M.S.; *Home Economics*; Dr. Virginia M. Vivian
- Charles Lee Price, Lerna, Ill.; B.S.Ed., M.S.Ed. (Eastern Illinois University); *Education*; Dr. Roger T. Cunningham
- John Thomas Puglisi, Arlington, Va.; B.A. (Catholic University of America); M.A.; *Psychology*; Dr. Dorothy W. Jackson, Dr. Henry R. Angelino
- Mark Stanley Rea, Avon Lake; B.A., M.A.; *Biophysics*; Dr. Carl R. Ingling, Jr.
- Regina Tuskan Rinderer, Adah, Pa.; A.B. (University of Pittsburgh); M.A.; *Education*; Dr. Donald R. Bateman
- Mary Beth Higman Robinson, Columbus; B.A. (University of California); M.A. (Stanford University); *Education*; Dr. Donald P. Sanders
- Robert James Rodosky, Munhall, Pa.; B.S.Ed., M.A.; *Education*; Dr. Desmond L. Cook
- Jan Carl Roshong, Ashland; B.S.Ed., M.A.; *Music*; Dr. A. Peter Costanza
- Mark Gunder Ross, Birmingham, Mich.; B.A. (Michigan State University); M.A.; *Communication*; Dr. Thomas A. McCain
- John Kenneth Rowland, Columbus; A.B. (George Washington University); M.A. (College of William and Mary); *History*; Dr. Bradley Chapin
- Rakesh Kumar Rustagi, Rajasthan, India; B.Sc., M.Sc. (University of Delhi); M.S.; *Statistics*; Dr. D. Ransom Whitney, Dr. Keith E. Eberhardt
- Jeffrey Lee Salisbury, Nicholson, Pa.; B.S. (Indiana State University); M.S. (Rutgers University); *Botany*; Dr. Gary L. Floyd
- Thomas Francis Scanlon, Pittsburgh, Pa.; B.A. (Duquesne University); M.A.; *Classics*; Dr. Robert J. Lenardon
- Genevieve Burkholder Schroeder, Columbus; B.S., M.S.; *Home Economics*; Dr. Julia I. Dalrymple
- Guy Michael Sconzo, Staten Island, N. Y.; B.A. (Wagner College); M.A. (New York University); *Education*; Dr. Walter G. Hack
- William Jesse Seay, Pendleton, S. C.; B.A., M.Ed. (Clemson University); *Physical Education*; Dr. Donald D. Harper
- Paul Rowe Sensbach, Lakewood; B.F.A. (Miami University); M.S. (Indiana University); *Home Economics*; Dr. Claribel M. Taylor
- Stephen Daryl Shaffer, New Orleans, La.; B.A. (Louisiana State University); M.A.; *Political Science*; Dr. John H. Kessel
- Mandana Shoaee, Tehran, Iran; B.A., M.A. (American University of Beirut); *Psychology*; Dr. Henry Leland
- Claudia Ellen Siebel, Woodside, N. Y.; B.A. (New York University); M.A.; *Psychology*; Dr. W. Bruce Walsh
- Susan Mary Smith, Waterloo, Ia.; B.A. (Clarke College); M.A. (University of Northern Iowa); *Education*; Dr. Bernard J. Mehl
- James Donald Sorg, Oak Harbor; B.A. (Bowling Green State University); *Public Administration*; Dr. Clinton V. Oster
- Donald Francis Staffo, Liverpool, N. Y.; B.S. (State University of New York College at Brockport); M.A. (Western Kentucky University); *Physical Education*; Dr. Lewis A. Hess
- Christine Taylor Stephens, Rochester, N. Y.; A.B. (Smith College); M.S.; *Plant Pathology*; Dr. A. F. Schmittner, Dr. Leonard J. Herr
- Richard Lawrence Stoffer, Wooster; B.S. (Ashland College); M.S.; *Zoology*; Dr. Barry D. Valentine
- Abdelfattah Abdalla Taha, Kermaelnozle, Sudan; B.Sc. (University of Khartoum); M.S.; *Horticulture*; Dr. Dale W. Kretchman
- James Michael Tarlano, Columbus; B.S., M.A. (Wright State University); *Psychology*; Dr. Richard K. Russell
- Lynda George Treat, Wooster; B.S., M.S.; *Genetics*; Dr. C. William Birky, Jr.
- Geraldine Kloos Van Horn, Stony Brook, N. Y.; B.A. (Carnegie-Mellon University); M.A.; *English*; Dr. Morris Beja
- Mary Jo Stagenborg Vesper, Covington, Ky.; A.B. (Thomas More College); M.S.; *Environmental Biology*; Dr. Michael L. Evans
- Gennaro Francis Vito, Columbus; B.A. (State University of New York College at Cortland); M.A., M.A.; *Public Administration*; Dr. Harry E. Allen
- Renate Langwald Voris, Columbus; B.A., M.A.; *German*; Dr. Rainer Nagele
- Chih-Lueh Albert Wang, Shinchuang, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemistry*; Dr. Michael H. Klapper
- Jin-tuu Wang, Columbus; B.S. (National Taiwan University); M.S. (University of Hawaii); *Computer and Information Science*; Dr. Ming T. Liu
- Eugene Blaine Wenger, Columbus; B.S.Ed., M.A.; *Education*; Dr. Lorren L. Stull
- Mark Daniel Westbrook, Grove City; B.S.Ch.E., M.S., M.A.; *Economics*; Dr. George F. Rhodes, Jr.
- Amos James White, Columbus; B.M.Ed. (Capital University); M.Ed. (Xavier University); *Education*; Dr. Paul R. Klor
- Udo Moses Williams, Calabar, Nigeria; B.A. (Paine College); M.A.; *Political Science*; Dr. Chadwick F. Alger
- Wyman Wilson, Racine, Wis.; B.S., M.S. (Stout State University); *Education*; Dr. Philip A. Tripp
- Robert Michael Wolf, Columbus; B.S.B.A. (University of Akron); M.B.A., M.A.; *Physical Education*; Dr. Charles L. Mand
- Barry Lee Workman, Columbus; B.S., M.S.; *Animal Science*; Dr. Alvin L. Mozon
- Kathy Patz Zamostny, Maple Heights; B.A. (Kent State University); M.S.; *Psychology*; Dr. Lyle D. Schmidt
- Thomas James Zamostny, Maple Heights; B.A. (Kent State University); M.A.; *Political Science*; Dr. Philip D. Stewart
- Richard Eugene Zeller, Fairview Park; B.S., B.A. (Pennsylvania State University); M.A.; *Geography*; Dr. Lawrence A. Brown

Master of Accounting

Four candidates

David A. Kraszewski, Cuyahoga Falls;
B.S.A., M.S.A. (University of Akron);
Accounting

Robert Henry Stoltenberg, Toledo;
B.A. (University of Michigan);
Accounting

Karl Bruce Tauche, Jr., Columbus;
B.A. (Thiel College); *Accounting*

Yajean Wang, Taipei, R.O.C.;
B.A. (Capital University); *Accounting*

Master of Applied Statistics

Five candidates

Hsiao-Hua Chang, Taiwan, R.O.C.;
B.S. (National Cheng-Kung University);
Statistics

Richard Ray Conkling, Columbus;
A.B. (Miami University); *Statistics*

Ross C. Fonticella, Columbus;
B.S.; *Statistics*

Richard Nelson, Cleveland;
B.S. (Kent State University); M.S.;
Statistics

Ann Lynn Pinsley, Columbus;
B.S. (University of Vermont); *Statistics*

Master of Architecture

Six candidates

Steven F. Dallman, Minneapolis, Minn.;
B.A. (Mankato State College); B.S.Arch.;
Architecture

Arthur Alfred Hupp, III, Cincinnati;
B.S.Arch.; *Architecture*

Robert K. Larrimer, Columbus;
B.Arch.; *Architecture*

Ronald Jay Leach, Springfield;
B.S.Arch.; *Architecture*

Thomas Huan-Kuo Liu, Taiwan, R.O.C.;
B.E. (College of Chinese Culture);
Architecture

Walter K. Wiseman, Columbus;
B.S.Arch.; *Architecture*

Master of Arts

Four hundred and fifty-one candidates

Marsha L. Abbott, Columbus;
B.S. (Ohio University); *Education*

Jana Renee Adams, Dayton;
B.A. (College of Wooster); *Education*

Janelle Adler, Columbus;
B.A. (Augusta College); *Education*

Karin Elaine Alexander, Groveport;
B.A. (Livingstone College); *Education*

Craig Gibson Allen, Austin, Tex.;
B.S. (Florida State University);
Physical Education

Judith McDonald Allers, Westerville;
B.S.Ed.; *Education*

Cheryl D. Amberg, Columbus;
B.A.; *Communication*

Shirley Virginia Ambush, Columbus;
B.A. (Fisk University); *Education*

Shahla Ameri, Tehran, Iran;
B.A. (College of Mass. Communications);
Public Administration

Acquanetta Jean Anderson,
Bluefield, W. Va.; B.S. (Bluefield State
College); *Education*

Charlene A. Anderson, Columbus, S. C.;
B.A. (Clark College); *Education*

Steven C. Anderson, Arlington, Ore.;
B.A. (Willamette University); *Education*

Donald Lynn Arnold, Columbus;
B.S.Ed.; *Education*

Manné Eckstein Aronovsky, Columbus;
B.A. (Ohio Dominican College); *Education*

Carole Art, Ashland, Ky.;
B.A. (Ursinus College); *German*

Jean Higgins Aumuller, Worthington;
B.A. (D'Youville College); *Education*

Debra A. Bailey, South Point;
B.A. (Marshall University); *Education*

Gregory Howard Bailie, Steubenville;
B.S.Ed. (Ashland College); *Education*

Richard Mark Baker, Columbus;
B.S.Ed.; *Education*

Charles Terence Balko, Columbus;
B.S.Ed. (California State College);
Education

Lloyd Paul Ball, Columbus;
B.S. (Wittenberg University); *Education*

Stephan Joseph Ballmann, Reynoldsburg;
B.S.Ed.; *Physical Education*

Ernestine Bandy, Cleveland;
B.A. (Wittenberg University); *Journalism*

Daniel W. Barber, Ronco, Pa.;
B.S. (Pennsylvania State University);
Education

Kathy Jean Barger, Delaware;
B.A. (Ohio Wesleyan University);
Education

Kathy Talbott Barker, Cadiz;
B.S.Ed.; *Education*

Lenna Gayle Barney, Wheeling, W. Va.;
B.S. (Wheeling College); *Communication*

Robert Edward Bartha, Columbus;
B.A.; *Education*

Susan Williams Bauer, Columbus;
B.A. (Ohio Wesleyan University);
Education

Patricia MacDonald Baum, Columbus;
B.S.Nurs.; *Health Education (Physical
Education)*

Patricia Whitman Beder, Columbus;
B.A. (Miami University); *Education*

Kathryn A. Beitler, Sycamore;
B.S.Ed. (Capital University); *Journalism*

Margaret Jeanne Atterholt Bell,
Jeromesville; B.S.Ed. (Ashland College);
Education

Palma Alice Painter Bell, Holmesville;
B.S.Ed. (Ashland College); *Education*

Gayle Margo Benbow, Ruffin, S. C.;
B.A. (Benedict College); *Education*

Joann Heinz Bender, Columbus;
B.A. (University of California at
Berkeley); *Education*

William T. Benham, Springfield;
B.A.; *Journalism*

Claire Marie Bergen, New York, N. Y.;
B.A. (State University of New York
College at Brockport); *Journalism*

Howard Ephraim Berger,
Minneapolis, Minn.; B.A.; *History*

Sharon Oliver Foster Biever,
Plymouth, Mich.; B.M. (University of
Michigan); *Music*

Chad Alan Biegler, New Concord;
B.A. (Muskingum College); *History*

Jenny Bitounis, Cleveland;
B.A. (Cleveland State University);
Education

Janet Phyrn Black, Parma;
B.S.Ed.; M.S. (Miami University);
History of Art

Sylvia Smith Blackburn, Columbus;
B.S.; *Education*

Bruce Alan Blackston, Delaware;
B.S.Ed.; *Education*

Janet P. Blake, Columbus;
B.S.H.E. (Ohio University); *Education*

Patricia JoAnn Blake, Columbus;
B.S.Ed.; *Education*

Debra Lynn Blow, Portsmouth, Va.;
B.S. (Virginia State College); *Music*

James David Bock, Combridge;
B.M.Ed.; *Music*

Bonnie Marie Bodnar, Canton;
B.A.; *Communication*

Amy Johannah Bonnell, Worthington;
B.S.Ed. (Miami University);
Communication

Martha Morgan Borchers, Columbus;
B.A. (Denison University); *Education*

Kathleen Hoffman Brewer, Columbus;
B.S.Ed.; *Education*

Ronald Leo Brewer, Columbus;
B.A. Ed. (Capital University); *Education*

Charles Joseph Brinda, Columbus;
B.B.A. (Ohio University); *Education*

Sheila La Vern Brown, Portsmouth;
B.A.; *Education*

Murray John Bryant,
Auckland, New Zealand; B.Comm.
(University of Canterbury); *Accounting*

Susan Bunn Bulkley, Grover Hill;
B.S.Ed.; *Education*

Edith M. Bullard, Huntington, Md.;
B.A. (Hampton Institute); *Journalism*

Gail Smith Burke, Alexandria, Va.;
B.A.; *English*

Myra Busch-Goetz, Tiffin;
B.A.; *Communication*

Barbara Satterfield Cain, Powell;
B.S., B.A.; *Education*

David Robert Caldwell, Columbus;
B.A. (University of Texas); *German*

Judith Pettit Caldwell, Marion;
B.S.Ed.; *Education*

Thomas Richard Call, Mt. Pleasant;
B.S. (Bowling Green State University);
Education

Stefania Canali, Florence, Italy;
Laurea (University of Florence); *History*

- Richard Lee Caner, Columbus;
B.S.Ed.; *Education*
- Cathy Elaine Canter, Granville;
B.S.Ed.; *Education*
- Charles R. Carothers, Racine, Wis.;
B.P.E. (Purdue University); M.S.,
M.S.Ed Admin. (University of Wisconsin
at Madison); *Public Administration*
- Mark A. Carter, Columbus;
B.S.Ed.; *Education*
- Johannah Casey, Mt. Vernon;
B.S.Ed.; *Physical Education*
- Gerald Gene Casper, Harrod;
B.S.Ed.; *Education*
- Kevin R. Catalano, St. Louis, Mo.;
B.Jour. (University of Missouri);
Journalism
- Nancy C. Cavill, Toronto, Ont., Canada;
B.A. (Hillsdale College); *Education*
- Karol Ann Cerimeli, Syracuse, N. Y.;
B.A. (State University of New York at
Oswego); *Communication*
- Dianna Marie Chambers, Columbus;
B.S.Ed. (Central State University);
Education
- Donald Heng Chang, Columbus;
B.A. (National Taiwan University);
M.A. (University of Nebraska); M.A.,
Ph.D.; *Business Administration*
- Judith E. Chapman, Gahanna;
B.S.; *Education*
- Susan Pulsinelli Chmielewski, Columbus;
B.S.Ed.; *Education*
- Gary Robert Clark, Elyria;
B.A.; *Journalism*
- Hariette Johns Clark, Hampton, Va.;
B.S.Ed. (Virginia State College);
Education
- Diane Marie Cleary, Pittsfield, Mass.;
B.S. (Bridgewater State College);
Physical Education
- Linda Ann Coakley, Morristown, N. J.;
B.S. (Virginia Union University);
Education
- William Eugene Colburn, Columbus;
B.S. Ed.; *Education*
- Patricia Ann Collins, Columbus;
B.S. (Rio Grande College); *Education*
- Ralph Jeffrey Collins, Westerville;
B.S.Ed.; *Education*
- Cheryl Beth Conklin, Plain City;
B.S.Ed. (Otterbein College); *Education*
- Edward J. Conzola, II, Endwell, N. Y.;
B.S. (Colgate University); *Journalism*
- Karen Yvonne Cooper, Columbus;
B.S.; *Physical Education*
- Patricia Patton Cooper, Salem;
B.S.Ed.; *Education*
- Susan Helene Cossman, Columbus;
B.S.Ed.; *Education*
- Mary A. Cotter, Columbus;
B.S.Ed. (Ohio Dominican College);
Education
- Anita Sheumaker Cox, Columbus;
B.S.Ed.; *Education*
- Joyce Lynn Craig, Cincinnati;
B.S.Ed. (University of Cincinnati);
Education
- Paul J. Cramer, Columbus;
B.F.A. (Rhode Island School of Design);
Photography and Cinema
- Michael A. Criblez, LaFayette;
B.S.Agr.; *Education*
- Mary E. Cropps, Mt. Airy, N. C.;
B.S. (North Carolina A & T University);
Journalism
- Novella Pamela Cross, Savannah, Ga.;
B.A. (Clark College); *Journalism*
- Michael Dalrymple, Delaware;
B.S. (Miami University); *Education*
- Barbara LaVerne Davis, Jamesville, N. C.;
B.A. (Saint Augustine's College);
Black Studies
- Bonnie S. Davis, Reynoldsburg;
B.S.Ed. (Ohio University); *Education*
- Marion Miskinis Davis, Columbus;
B.S. (Capital University); *Education*
- James William Dawson, Columbus;
B.S.Ed.; *Physical Education*
- Vera L. Demeter, Columbus;
B.S.Ed.; *Education*
- Ramona Darlene Derricotte, Defiance;
B.A. (Defiance College); *Education*
- Robert Anthony DiBiasio, Lakewood;
B.A. (Ohio Wesleyan University);
Journalism
- Pamela Anne Dickenson, Newark;
B.A.; B.F.A. (Stephens College);
Education
- Peggy Patricia Dillard, Eden, N. C.;
B.A. (Saint Augustine's College);
Education
- Theresa Lee Dobbins, Charleston, W. Va.;
B.A. (Muskingum College); *Education*
- Christine Behler Doherty, Lancaster;
B.S.Ed. (Bowling Green State University);
Education
- Susan Holzhauser Dolan, Delaware;
B.S.Ed.; *Education*
- Daniel Leo Donovan, Columbus;
A.B. (Xavier College); *Education*
- Karen Rosseter Douglas, Columbus;
B.S.; *Education*
- Carol J. Duesing, Columbus;
B.A. (University of Cincinnati); M.S.W.;
Public Administration
- Myra Wright Dull, Columbus;
B.S.Ed.; *Education*
- Charlotte Elaine Durden, Redan, Ga.;
B.S. (Fort Valley State College); *Education*
- Joan Bye Eggspuehler, Columbus;
B.A. (Rockford College); *Education*
- Kathie Anne Ehrlich, Columbus;
B.S.Ed.; *Education*
- Thomas A. Eidson, Ravenna;
B.S. (Kent State University); *Physical
Education*
- Narymane A. ElNashar, Cairo, Egypt;
B.A. (Aine Shamse University); Maestra
de Primer Grado (Instituto Normal Ercilia
Guidali de Pisani); Maestra Espices
l'Zada (Instituto Magisterial Superior);
Education
- David Edward Engel, Kirkersville;
B.S.Ed. (Capital University); *Education*
- Robert James Engelhart, Columbus;
B.Mus. (Capital University); *Music*
- Silvia Laura Epalza, Paysandu, Uruguay;
Education
- Virginia Walters Ernst, Worthington;
B.S. (Indiana University); *Education*
- Joan Marie Esposito, Elyria;
B.S.All'd.Hlth.Prof.; *Health Education
(Physical Education)*
- Eileen R. Ewing, McComb;
B.A. (Bluffton College); *English*
- Donald Lee Falk, Mt. Vernon;
B.S.Ed. (Ohio University); *Education*
- Darlene Funceillo Farrar, Apex, N. C.;
B.A. (Saint Augustine's College);
Public Administration
- Morris Paul Fertig, Columbus;
B.A.; *Journalism*
- Sharon Denise Fields, Columbus;
B.S. (Kent State University); *Education*
- Sylvia Blackwell Finney, Columbus;
B.S.Ed.; *Education*
- William Frederick Finney, III,
Plainfield, N. J.; B.A. (Union College);
Education
- Linda M. Fisher, Kent;
B.A. (Kent State University);
History of Art
- Roberta Ann Fix, Columbus;
B.S. (Bowling Green State University);
Education
- Mary S. Flanagan, Columbus;
A.B. (University of Notre Dame);
Education
- S. Theodore Ford, Jr., Dayton;
B.A.; *History*
- Mark Houston Forman, Columbus;
B.A.Jour.; *Public Administration*
- Betty Toney Foster, Columbus;
B.S.Ed.; *Education*
- Kathryn Sinsabaugh France, Columbus;
B.A. (Oberlin College); *Education*
- Marion Louise Fromuth, Glen Ridge, N. J.;
B.A. (University of Delaware); *Psychology*
- Patricia Jane Frost, Parks, Ark.;
B.A. (Ouachita Baptist University);
M.R.E. (Southwestern Baptist Theological
Seminary); *Education*
- Rose Mary Fry, Delaware;
B.S.Ed. (Ohio Dominican College);
Education
- Kathleen Pausie Green, Reynoldsburg;
B.S.Ed. (Bowling Green State University);
Education
- Janet Marie Galeese, Middletown;
B.S.Ed. (Miami University); *Journalism*
- John E. Garen, Seattle, Wash.;
B.A. (University of Washington);
Economics
- Jean Mautz Garman, Sandusky;
B.A. (Capital University); *Education*
- Brunetta RosSalle Garrard, Camilla, Ga.;
B.A. (Spelman College); *Communication*
- Larry Robert Gartley, Ellwood City, Pa.;
B.S.Ed. (Slippery Rock State College);
Education
- Kathleen Ann Garvey, Wintersville;
B.A.; *Communication*
- Albert Lawrence Gassner, Solon;
B.A.; *Education*
- Teresa Maria Gelonese, Columbus;
B.S.Ed. (Bowling Green State University);
Education
- Michele W. Gillespie, Evanston, Ill.;
B.A. (Capital University); *Education*
- Rodney L. Gillman, Bellefontaine;
A.B. (Trevecca Nazarene College);
Physical Education

- Robin Gofberg, Columbus;
B.A. (Temple University); *Psychology*
- Robert Wilson Golden, Jr., Columbus;
B.S.Ed.; *Education*
- Roger S. Golden, Columbus;
B.S.Ed., M.S.W.; *Public Administration*
- Glen Ray Goldmark, Hyattsville, Md.;
B.S. (University of Maryland); *Psychology*
- Terry Suzanne Goodrick,
West Lafayette, Ind.; B.A. (Earlham
College); *Psychology*
- Joan Yvonne Gordon, Cincinnati;
B.A. (Pisk University); *Education*
- Lecia Margaret Graff, Columbus;
B.S. (Hastings College); *Education*
- David Randolph Gray, Cincinnati;
B.A. (Hanover College); *Education*
- Oscar Jerome Green, Pell City, Ala.;
B.A. (Miles College); *Journalism*
- Anne Duncan Greenbaum,
Mamaroneck, N. Y.; B.A. (Bates College);
Physical Education
- Debra J. Greene-Lowe, Tiffin;
B.Ed. (University of Toledo);
Communication
- Johnneen Wilma Griffin, Wheaton, Ill.;
B.A. (Quincy College); *Education*
- Fredia Carol Grimes, South Bend, Ind.;
B.A. (Kentucky State University);
Journalism
- Dwight C. Groce, II, Columbus;
B.S.Ed.; *Education*
- Robert G. Grooms, Greenfield;
A.B. (Morehead State University);
Physical Education
- Douglas A. Grossman, Westerville;
B.S.Ed.; *Education*
- Marilyn Miller Grossman, Gahanna;
B.S.Ed.; *Education*
- Susan Hoffman Gruber, Columbus;
B.S.; *Education*
- Gail Renee Grunberger, Cleveland;
B.S.Ed.; *Education*
- Donna Stickley Gwozdz, Greensboro, Md.;
A.B. (University of Delaware); M.A.;
Public Administration
- Lawrence T. Gwozdz, Chicopee, Mass.;
A.B. (Westfield State College); M.A.;
Public Administration
- Ruth Haberkorn, Cleveland Heights;
B.A.; *Communication*
- Susan Marie Eckliff Haffner, Mentor;
B.S.Ed. (Ohio University); *Physical
Education*
- Virginia M. Halabis, Newark;
B.A.; *Communication*
- Shirley Ann Hamilton, Columbus;
B.S.Ed.; *Education*
- Timothy Dale Hamilton, Marion;
B.S.Ed.; *Education*
- Frances P. Haney, Akron;
B.S.Ed. (Akron University); *Education*
- Freda M. Hanf, Columbus;
B.S.; *Education*
- Timothy E. Hannum, Westerville;
B.A. (Capital University); *Public
Administration*
- Kathleen Murphy Harber, Columbus;
B.S. (Arizona State University);
Journalism
- Jo Anne Harris, Delaware;
B.S.Ed. (Ohio University); *Education*
- James Michael Hartley, Gahanna;
B.A.; *Journalism*
- Rebecca Howarth Hauelsen, Columbus;
B.S.Ed.; *Education*
- Thomas Paul Hauelsen, Columbus;
B.S.; *Education*
- Georgia Beshara Hauser, Columbus;
B.S.Ed.; *Education*
- Glenda Ruth Haynes, Silver Creek, Miss.;
B.A. (Tougaloo College); *Political Science*
- Ellen Wedvik Hazard, Columbus;
B.S.Ed.; *Education*
- Teresa A. Hazucha, Cleveland;
B.Ed. (Cleveland State University);
Physical Education
- Bonnie K. Heineman, Columbus;
B.S.Ed.; *Education*
- Audrey Lee Heining, Independence;
B.S.Ed.; *Education*
- Beth Marie Henschen, Bowling Green;
B.A. (Ashland College); *Political Science*
- Robert Wendell Herber, Hilliard;
B.S.Ed.; *Education*
- Rita M. Herbst, Marion;
B.A.; *Education*
- MaryJane Gregory Hershey, Columbus;
B.S.Ald.Hith.Prof.; *Education*
- Denise M. Higginbotham, Springfield;
B.S.Ed.; *Education*
- Virginia M. Hill, Columbus;
B.S.Ed.; *Education*
- Bradley John Histed, Crestline;
B.A. (Mount Union College);
Public Administration
- Laura Sue Hoexter, Columbus;
B.S. (Western Michigan University);
Education
- David Alan Hogan, Memphis, Tenn.;
B.A. (Memphis State University);
Journalism
- Victoria Sue Hoover, Worthington;
B.S.Ed.; *Education*
- Robert Burns Howard, Columbus;
B.S.Ed.; *Education*
- William Exline Hoyer, Columbus;
B.S. (Florida Southern College);
Education
- Stephanie A. Hrycyk, Columbus;
B.A. (Youngstown State University);
Health Education (Physical Education)
- Leslie P. Huber, Little Silver, N. J.;
B.S.Ed.; *Education*
- Gregory David Huffman, Newark;
B.S.Ed. (Ohio University); *Education*
- Beverly Heaton Huggins, Skellytown, Tex.;
B.A. (North Texas State University);
Education
- Julia Ann Hughey, Salisbury, Md.;
B.A. (University of Maryland);
Public Administration
- Susan Boggs Hume, Columbus;
B.S.Ed.; *Education*
- Joyce Karen Ilfelder, Dumont, N. J.;
A.B. (Cornell University); *Psychology*
- Alice Viola Jackson, Orlando, Fla.;
B.S. (Albany State College); *Education*
- Garfield A. Jackson, Cleveland;
B.A.; *Black Studies*
- Barbara Jane Jedinak, Upper Sandusky;
B.S.Ed. (Miami University);
Communication
- Rhonda Renita Johnson, Florence, Ala.;
B.S. (Alabama A & M University);
Education
- Constance Sue Jones, Columbus;
B.S.Ed. (Wright State University);
Education
- David Cornett Jones, Columbus;
A.B. (Heidelberg College); *Education*
- Diane Louise Jones, Zanesville;
B.S.Ed. (Ohio University); *Education*
- Michael Jones, Columbus;
B.F.A. (Columbus College of Art and
Design); *Photography and Cinema*
- Yvonne Derotha Joynes, Columbus;
B.S. (Delaware State College); *Education*
- Kenneth Patrick Kaiser, Elyria;
B.S.; *Physical Education*
- Amy Claire Kane, Miamisburg;
B.A.; *Education*
- June Stephan Kaplan, Mansfield;
B.S. (University of Minnesota); *Education*
- Yumiko C. Kawabe, Fukuoka City, Japan;
B.A. (Seinan Gakuin University);
East Asian Languages and Literatures
- Margaret Helen Kehoe, Barrington, Ill.;
B.S. (University of Illinois); *Physical
Education*
- Samuel Leo Keifer, Mansfield;
B.A. (Cedarville College); *Education*
- Kathy Fostena Kennedy, Columbus;
B.A. (Capital University); *Education*
- Lynn A. Kensinger, Gahanna;
B.A. (Capital University); *Education*
- Terry Kershaw, New York, N. Y.;
B.A. (State University of New York
College at Cortland); *Black Studies*
- Victoria Louise Kilbury, Dublin;
B.S.Ed.; *Education*
- Francis Norman Kilgour, Cincinnati;
B.A.; *Black Studies*
- Pamela Sue Kindinger, Columbus;
B.S.Ed. (Ohio University); *Education*
- Jeanne Price King, Columbus;
B.S.Ed.; *Education*
- Patti Anne Kirst, Columbus;
B.S. (State University of New York
College at Geneseo); *Political Science*
- Barbara Kay Knall, Columbus;
B.S.; *Communication*
- Barbara Jane Knall, Arlington, Va.;
B.A. (Ohio Wesleyan University);
Education
- Jill Marie Koehler, Grove City;
B.S. (Capital University); *Communication*
- Parrela Sue Kogan, Columbus;
B.S.Ed. (Miami University); *Education*
- Eileen Kohn, University Heights;
B.S.Ed.; *Health Education (Physical
Education)*

- Gary J. Kowaleski, Fremont;
B.S.Ed.; *Education*
- June Miller Kraus, Granville;
A.B. (Denison University); *Education*
- Connie Dodson Kristoff, Columbus;
B.S.Ed.; *Education*
- Dvora L. Krueger, Columbus;
B.A. (Queens College); *Art Education*
- Jeffrey L. Kuntz, Columbus;
B.S.Ed.; *Education*
- Nirmala Parthasarathy Lakshman,
Cambridge; B.A. (University of Madras,
India); *English*
- Mary Ellen Landschulz, Coshocton;
B.S. (University of Wisconsin); *Education*
- Carol Jones Lathrop, Radnor;
B.A. (Ohio Wesleyan University); *Education*
- Anna Lee, Columbus;
B.A. (Queens College); *Psychology*
- Dennis William Lee, Seven Hills;
B.S.Ed.; *Education*
- Robert Allen Lee, Columbus;
B.S.Ed.; *Education*
- Mark Thomas Lentz, Worthington;
B.A. (Ohio University); *Education*
- Nancy D. Leone, Toledo;
B.S.Ed.; *Education*
- Deborah Jo Lepley, Mt. Vernon;
B.A. Ed.; *Art Education*
- Gail DeWolfe Lillie, London;
B.S.Ed.; *Education*
- Paul Walker Long, III, Columbus;
B.A. (Heidelberg College); *Public
Administration*
- Dennis Everett Lowry, Pataskala;
B.S.Ed. (Kent State University); *Education*
- Marjorie Jo Lowry, Pataskala;
B.S.Ed. (Kent State University); *Education*
- Clifton Dabney Mack, Kettering;
B.A. (Miami University); *Education*
- Matthew John MacKay,
Prince Edward Island, Ont., Canada); B.A.
(Bob Jones University); *Communication*
- John Stephen Mackov, Toronto;
B.S.Ed.; *Education*
- Gayle L. Mahaffey, Bainbridge;
B.S.Ed.; *Physical Education*
- James Robert Malanowski, Adena;
B.A. (Capital University); *Education*
- Dennis Andrew Marikis, Columbus;
B.A.; *Psychology*
- Ellen Marie Martin, Columbus;
B.S. (Northwestern University); *Education*
- Shirley Vittum Mason, Blacklick;
B.A. (University of Vermont); *Education*
- Leslie Mass, Powell;
B.A. (Gettysburg College); *Education*
- Denise Lynn Massey, Petersburg, Va.;
B.A. (Saint Augustine's College); *Education*
- William J. McCarthy, Washington, D. C.;
B.A. (University of Maryland); *Classics*
- Amy Anderson McClure,
Coral Gables, Fla.; B.A. (Ohio Wesleyan
University); *Education*
- Elizabeth Lynne McDonald,
Alexandria Bay, N. Y.; B.S. (State
University of New York College at
Geneseo); *Communication*
- Jerry Ritter McDonald, New Albany;
B.S.; *Education*
- Linda Carlson McDonald, New Albany;
B.S.Ed. (Kent State University); *Education*
- Larry McElrath, Cincinnati;
B.S. (University of Cincinnati); *Public Administration*
- Douglas Carter McElwain, Sterling, Colo.;
B.A. (Hastings College); *Psychology*
- Cecelia Ann McGonagle, Columbus;
B.S.Ed.; *Education*
- Hugo Richard McGraw, Jr., Columbus;
B.S.Ed. (Ohio University); *Education*
- Catherine S. McKenzie, Reynoldsburg;
B.A.; *Education*
- Mary E. McLaughlin, Columbus;
B.S.; *Communication*
- Gale Marzluf McLinn, Columbus;
B.S.Ed.; *Education*
- James Patrick McMahon, Columbus;
B.S.Ed.; *Health Education (Physical
Education)*
- Nancy Jean McNeal, Xenia;
B.S.Ed.; *Music*
- Jane Swift McSwain, Memphis, Tenn.;
B.A. (Lambuth College); *Music*
- Kathryne Ann Meade, Tustin, Calif.;
A.B. (San Diego State University); *Classics*
- Donna J. Meek, Columbus;
B.A.; *English*
- Charles R. Melvin, Cincinnati;
B.A. (University of Cincinnati); *Journalism*
- Susan Mernit, Columbus;
B.A. (Bard College); *English*
- Marlene Merves, Lorain;
B.S.Ed.; *Education*
- Nancy J. Milburn, Columbus;
B.S.Ed.; *Education*
- Julie Daig Miller, Toledo;
B.Ed. (University of Toledo); *Education*
- Rita Burk Miller, Columbus;
B.A. (Ohio University); *Education*
- William Kent Miller, Mt. Vernon;
B.S.Ed. (Kent State University); *Education*
- Patsy J. Milton, Mt. Vernon;
B.A. (Olivet Nazarene College); *Education*
- Brenda D. Minnigan, Orangeburg, S. C.;
B.A. (Spelman College); *Education*
- Robert Alfred Mix, Lima;
B.M.E. (Indiana University); *Music*
- Verlene Renita Mobley, Atlanta, Ga.;
B.S. (Kentucky State University); *Music*
- Renee Morkassel, Waverly;
B.S.Bus. Adm. (DePaul University); *Education*
- Althenia Morrow, Tuscaloosa, Ala.;
B.A. (Knoxville College); *Education*
- Dian C. Morse, Columbus;
B.S.; *Education*
- Mark Allen Mortine, Newcomerstown;
B.S.Ed.; *Education*
- Deborah D. Morton, Saxe, Va.;
B.A. (Norfolk State College); *Public
Administration*
- Mary Ellen Mosher, Greenville, Pa.;
B.A. (Muskingum College); *Education*
- Carol A. Mosler, Wapakoneta;
B.S.Ed.; *Education*
- Thomas Price Moyer, Martinsville, Va.;
B.S. (Norfolk State College); *Physical
Education*
- Michael Allen Murphy, Gahanna;
B.A.; *Education*
- Richard Lowell Nagel, Nevada;
B.S.Agr.; *Education*
- Alvin Mark Nedelman, Columbus;
B.A.; *History*
- Diana Jeanne Nelson, Solon;
B.A., B.S.Ed.; *Education*
- Carol Goss Neutzling, Columbus;
B.A., B.S.Ed.; *Journalism*
- Rose Marie Nijssen, Columbus;
B.A. (Ohio Dominican College); *Education*
- Gene L. Noce, Bayonne, N. J.;
B.A. (Saint Peter's College); *Classics*
- Debra K. Noe, Hillsboro;
B.A.; *Education*
- Deborah Leslie Nott, Delaware;
B.S. (West Virginia Wesleyan
University); *Education*
- Robyn Obermiller, Dover;
B.A. (Purdue University); *Education*
- Glen Alan Ochse, Brunswick;
B.A. (Cleveland State University); *Education*
- Richard Lane Odor, Newark;
B.A.; *Education*
- Kathleen A. O'Dwyer, Dublin, Ireland;
B.A. (College of Steubenville); *Education*
- Kenneth Gordon Olsen, Seattle, Wash.;
B.A. (Western Washington State College); *Journalism*
- L. Ben O'Neal, Talihina, Okla.;
B.S.Ed. (David Lipscomb College); *Education*
- Josephine Renzi Ostrov, Akron;
B.S.; *Physical Education*
- Lynn Robinson Ozobu, Columbus;
B.S.; *Education*
- Lucille L. Ozvat, Grove City;
B.S.Ed.; *Physical Education*
- Marie Gour Paxton, Gallipolis;
B.S.Ed.; *Education*
- Kim Ellen Perry, Worthington;
B.S. (Ohio University); *Education*
- Joan Elaine Peterson, Columbus;
B.S.Nurs.; *Education*
- Judith Eastman Pflaumer, Granville;
B.S.Ed.; *Education*
- Valayaporn Phuphat, Bangkok, Thailand;
B.A. (Chulalongkorn University); *Education*
- Maria A. Pizzi, Ashtabula;
B.S.; *Education*
- Patricia Likert Pohlman, Columbus;
A.B. (University of Michigan); *Psychology*
- Susan Lynne Porter, Columbus;
B.A. (Central University); *Education*

- Toby Mirkin Portman, Columbus;
B.A.; *Public Administration*
- Dianne Miller Prehm, Columbus;
B.S.Ed.; *Education*
- Lisa Ilene Prepon, Colonia, N. J.;
B.A. (Rutgers University); *Journalism*
- Robert Wayne Price, Newark;
B.S.; *Physical Education*
- Jo Ann Roseberry Radwin, Marion;
B.A. (Brooklyn College); *Education*
- Carletta H. Railey, Dayton;
B.A. (Bowling Green State University);
Education
- Patricia Lee Rasberry, Columbus;
B.A.; *Education*
- Joanne M. Rauschenbach, Cleveland;
B.A. (John Carroll University); M.S.W.;
Public Administration
- Linda Curtis Ray, Lancaster;
B.S.Ed. (Bowling Green State University);
Education
- Susan Rein, Columbus;
B.S.Ed.; *Education*
- Patricia Ann Rheins, Sunbury;
B.S. (Bowling Green State University);
Education
- James Howard Rimmer, Flushing, N. Y.;
B.A. (Queens College); *Physical Education*
- Judith Ann Ritchey, Fredericktown;
B.S.Ed.; *Education*
- Nancy J. Rocco, Pittsburgh, Pa.;
B.S. (Slippery Rock State College);
Physical Education
- James Philip Roe, III, Kingston;
B.S.Ed. (Ohio University); *Education*
- Kevin Sean Rogers, Sparta, N. J.;
B.A. (College of William and Mary);
Physical Education
- Melvena Lou Rostash, Zanesville;
B.S.Ed. (Ohio University); *Education*
- Stacey W. Rothenberg, Shaker Heights;
B.S. (University of Cincinnati);
Communication
- Florence M. Rouzier, Corona, N. Y.;
B.A. (State University of New York
College at Buffalo); *Journalism*
- Daryl Marcus Rowe, Cincinnati;
B.A. (Hampton Institute); *Psychology*
- Martha Ellen Rowland, Granville;
B.S.Ed.; *Education*
- Robert Alan Royce, Hartland, Vt.;
B.S. (Plymouth State College);
Physical Education
- Eric L. Rozenman, Columbus;
B.S.J. (Ohio University); *History*
- Jill Frymier Russell, Columbus;
B.S.Ed.; *Education*
- Elizabeth Delli-Gatti Rutherford,
Gahanna; B.S.Bus.Adm. (Franklin
University); *Public Administration*
- James Patrick Ryan, Columbus;
B.A. (Ohio Dominican College); *Education*
- Gwendolyn Wylene Sadler, Natchez, Miss.;
B.A. (Bethune-Cookman College);
Journalism
- Debra Jusko Sage, Dunkirk, N. Y.;
B.S. (State University of New York
College at Fredonia); *Education*
- Faith Aro St. Clair, Cleveland;
B.A. (Lake Erie College); *Romance
Languages and Literatures*
- Catherine Schambach, Cleveland;
B.A.; *Linguistics*
- Robert Barton Schoeneman, Columbus;
B.Arch. (University of Notre Dame);
Education
- Pauline Brown Schroeck, Marion;
B.S.Ed.; *Education*
- Gregory Keith Schultheis, Zanesville;
B.A.; *Public Administration*
- David Stanley Schütz, Wooster;
B.A. (DePauw University); *Journalism*
- Nancy Smith Scott, Grand Saline, Tex.;
B.S. (North Texas State University);
Education
- David Alan Sepulveda, Dayton;
B.A. (Wright State University);
Public Administration
- Carole Ann Shafley, Columbus;
B.S. (Bowling Green State University);
Education
- Carol Essex Sheridan, Mt. Vernon;
B.S. (Kent State University); *Education*
- Patricia Adams Shockley, Williamsburg;
B.Mus.Ed.; *Music*
- George Weston Shoemaker,
Washington C. H.; B.A., B.S.Ed.;
Education
- Rebecca L. Siesky, Wadsworth;
B.S. (Bowling Green State University);
Physical Education
- Bernard Silverman, Akron;
B.S.; *Journalism*
- Louis Simmons, Jr., Columbus;
B.S.Ed.; *Education*
- Sandra Addicks Singleton,
Murrysville, Pa.; B.S. (Pennsylvania State
University); *Physical Education*
- J. Martin Sipos, Columbus;
B.S.Bus.Adm. (Bowling Green State
University); *Education*
- Jean Jackson Siriano, Ashville;
B.S.Ed.; *Education*
- Darlene Louise Skok, Seven Hills;
B.S.Ed. (Bowling Green State University);
Education
- Janelle Schmid Smith, Columbus;
B.A., B.S.Ed.; *Education*
- Leslie Lebold Smith, Newark;
B.S.; *Education*
- Maureen Honora Smith, Youngstown;
B.Bus.Adm. (Kent State University);
Accounting
- Naomi Cotton Smith, Cleveland;
B.S.Ed. (Ohio University); *Black Studies*
- Karen M. Snoke, Columbus;
B.S.Ed. (Ohio University); *Education*
- Nancy Lynn Hobart Snyder, Columbus;
B.S.; *Education*
- Roger Ralph Solt, Columbus;
B.S.Ed.; *Education*
- Melva Jean Spangle, Berea;
B.S.All'd.Hlth.Prof.; *Physical Education*
- Carl Alonzo Spencer, Jr., Lancaster;
B.S.Ed., B.S.Agr.; *Education*
- John T. Starr, Grove City;
B.S.Ed.; *Education*
- Linda May Steele, Rocky River;
B.A. (Ohio Wesleyan University);
Communication
- Gale Lynn Stevens, Chagrin Falls;
B.A. (University of Virginia); M.S.W.;
Public Administration
- Mark Oliver Stevens, Bexley;
B.A., B.S.Ed.; *Education*
- Carolyn Stimel, Delaware;
B.S.; *Psychology*
- Margery J. Long Stoodt, Bellville;
B.S.Ed. (Ohio University); *Education*
- Carl Frederick Stout, Wilmette, Ill.;
B.A. (Wichita State University);
Business Administration
- Ann Faletta Styer, Canton;
B.S.Ed. (Kent State University);
Education
- Caroline Jeannette Keith Swank,
Minneapolis, Minn.; B.A., B.S., M.A.
(University of Minnesota); *Education*
- Daphne Swearingen, Tiro;
A.B. (Ohio University); *Education*
- Paul Harris Sweetgall, Hudson, N. Y.;
B.S.Bus.Adm.; *Physical Education*
- Ivy Jean Tatney, Columbus;
B.S.Ed.; *Education*
- Erma N. Taylor, Columbus;
B.S.Ed.; *Education*
- Ronald Eugene Tenney, Fredericktown;
B.S.; *Education*
- Roger M. Tewksbury, Wilmington;
B.S. (Wilmington College); *Physical
Education*
- Elvia B. Thomas, Dayton;
B.A. (Wittenberg University); *Public
Administration*
- James Franklin Thomas, Grove City;
B.S.Ed.; *Education*
- Tony R. Thomas, Waco, Tex.;
B.S.H. & P.E. (Texas Southern
University); *Health Education (Physical
Education)*
- Cindy Gail Thompson, Grove City;
B.Mus. (Capital University); *Education*
- Tonya JoDelle Tidline, Columbus;
B.A.; *Public Administration*
- Augustus Lansdell Toomey, Liberia;
B.A. (Saint Augustine's College);
Journalism
- Dean F. Tower, Chelsea, Mass.;
B.S.Ed.; *Education*
- Kimberly Abram Trail, Worthington;
B.S.Ed. (Miami University);
Communication
- Thomas Bodwell Trainer, Columbus;
B.S.Ed.; *Physical Education*
- Jeri F. Traub, Andover, Mass.;
B.A. (American University);
Communication
- Patricia Joy Herbert Troesch, Columbus;
B.S.Ed.; *Health Education (Physical
Education)*
- Patricia Elaine Venasey, Warrenton, Ga.;
B.S. (Fort Valley State College);
Education
- Wonda Faye Vincent, Monticello, Ark.;
B.A. (Philander Smith College); *Education*

Linda R. Vinson, Columbus;
B.S. (Central State University); *Education*

Janet Ann Vogt, Columbus;
B.S.Ed. (Bowling Green State University);
Education

John L. Vollrath, Marysville;
B.A. (Wittenberg University); *Education*

Donald W. Waggoner, Greentown;
B.S.; *Education*

Kay I. Wallace, Columbus;
B.S.Ed. (Eastern Illinois University);
Education

Mary Ann Tiburzio Wallace, St. Louisville;
B.S.Ed.; *Education*

Robert Lewis Wallace, New Philadelphia;
B.M. (Muskingum College); *Music*

Denis Harry Walsh, Columbus;
B.A. (Ohio University); *Public
Administration*

Connie Michele Ward, Hanford, Calif.;
B.A. (University of California);
Psychology

R. Scott Warner, Columbus;
B.A. (Michigan State University); J.D.;
Business Administration

Jeanne Susan Warye, Urbana;
B.S.Ed.; *Education*

Phillip Scott Weakley, Columbus;
B.A. (Capital University); *Physical
Education*

Beatrice A. Weaver, Columbus;
B.S.; *Journalism*

Karen Sue Weeks, Columbus;
B.S.Ed.; *Education*

Kathleen L. Weeks, Columbus;
B.A. (Muskingum College); *Physical
Education*

Patricia McKay Weik, Branford, Conn.;
B.A. (Bates College); *English
English*

Janet F. Weinstein, Flushing, N. Y.;
B.A. (State University of New York at
Binghamton); *Communication*

Roberta Jean Allen Weintraut,
Philadelphia, Pa.; B.A. (LaSalle College);
German

Timothy L. Wells, Prospect;
B.S. (Kent State University); M.Ed.
(Xavier University); *Education*

Nancy Rice Wharton, Columbus;
B.S.Ed.; *Education*

Judith Ann Buckley Wiblin, Phillipsburg;
B.S.Ed. (Central State University);
Communication

Rose Ann Wickersham, Caledonia;
B.S.Ed.; *Education*

Elizabeth Ann Willi, Columbus;
B.S.Ed. (Otterbein College); *Education*

Joseph Edward Windham, Kirkwood, N. Y.;
B.A. (University of Colorado); *Black
Studies*

Robert William Winkelmann,
East Detroit, Mich.; B.A. (Wayne State
University); *Journalism*

Evelyn Miranda Winston, Raleigh, N. C.;
B.A. (North Carolina Central University);
Public Administration

Myra Nadean Womble,
Holly Springs, N. C.; B.S. (Saint
Augustine's College); *Education*

Constance M. Workman, Ashland;
B.Mus. (Ashland College); *Music*

Jeffrey Allen Wrigley, North Canton;
B.S.Soc.Wel.; *Public Administration*

Phyllis Gwendolyn Wynn, Portsmouth, Va.;
B.S. (Norfolk State College); *Music*

Bello Ahmed Yakasai, Kano City, Nigeria;
B.S.Ed.; *Education*

Margaret McGinty Zidonis, Columbus;
B.A. (College of Mount Saint Joseph on
the Ohio); *Education*

Janet Robbins Zimmerman, Columbus;
B.Mus.Ed.; *Music*

Richard Joseph Zitto, Columbiana;
B.S.Ed.; *Education*

Mary Elizabeth Zona, St. Louis, Mo.;
B.A. (University of Missouri); *Education*

Master of Business Administration

Thirty-five candidates

Linda Diane Aines, Columbus;
B.S.Bus.Adm.; *Business Administration*

Charles Marion Baker, Jr., Austintown;
B.Bus.Adm. (University of Notre Dame);
Business Administration

Donald Alan Beckman, San Jose, Calif.;
B.A. (San Jose State University);
M.S. (California State University);
Business Administration

Steven D. Bryan, Lima;
B.A.; *Business Administration*

Roderick William Caldwell, Columbus;
B.A.; *Business Administration*

Kuang-Chung Chen, Taipei, Taiwan;
B.B.A. (National Taiwan University);
Business Administration

Jacqueline S. Chinn, Columbus;
B.A. (Iowa Wesleyan College);
Business Administration

Dwight DeWard Churchill, Aurora;
B.A. (Denison University);
Business Administration

Jerry L. Clark, Columbus;
B.B.A. (Kent State University);
Business Administration

Jill Susan Collinson, Columbus;
A.B. (University of Georgia);
Business Administration

Patricia L. Corres, New Orleans, La.;
B.A. (Newcomb College); M.A.;
Business Administration

Stephen David Dunson, Columbus;
B.A. (Andrews University);
Business Administration

James Patrick Foreman, Lima;
B.S.; *Business Administration*

Jo Ann Gieseke, Spokane, Wash.;
B.A. (University of Washington);
Business Administration

Donald C. Gloeckler, Middletown;
B.B.A. (University of Cincinnati);
Business Administration

Paul Andrew Hummel, Columbus;
A.B. (University of Missouri);
Business Administration

Omar Bin Ismail, Malacca, Malaysia;
B.S. (Louisiana State University); M.S.;
Business Administration

Charles Anthony Koenig, Mentor;
B.S.Bus.Adm., J.D.; *Business
Administration*

George Thomas Kruder, Marion;
B.S.; *Business Administration*

Cengiz S. Kurkcü, Marion;
B.S.Bus.Adm.; *Business Administration*

Michael Owen Lein, Toledo;
B.B.A. (University of Toledo);
Business Administration

Roberta Livsey, Dayton;
B.S.Bus.Adm.; *Business Administration*

Frank Mark Maier, Bellefontaine;
B.S.Bus.Adm.; *Business Administration*

James John O'Brien, Worthington;
B.S.; *Business Administration*

Alan P. Orizondo, Columbus;
B.S.C.I.S., B.A.A.E.;
Business Administration

Gary Allen Sahr, Columbus;
B.S.Bus.Adm.; *Business Administration*

Chittarajan Salani, Springfield;
B.E. (Sardar Vallabhbhai Vidyapeeth
Vallabh); *Business Administration*

Mark G. Schuster, Mentor;
B.S. (Washington & Lee University);
Business Administration

Alexander John Shumay, Parma;
B.A. (Baldwin-Wallace College);
M.A. (Cleveland State University);
Business Administration

Judith L. Straub, Boardman;
B.S.B.A. (Youngstown State University);
Business Administration
A. Gilman Sullivan, Youngstown;
B.S.Bus.Adm.; *Business Administration*

Brent Merrill Taylor, Columbus;
B.S. (University of Kentucky);
Business Administration

Philip Henry Washington, Jr.,
Warrensville, B.S. (Miami University);
Business Administration

Jeffrey S. Weiner, Lexington, Mass.;
B.A. (University of Massachusetts);
Business Administration

Sandra A. Williams, East Cleveland;
B.S. (Johnson C. Smith University);
Business Administration

Master of City and Regional Planning

One candidate

Peter J. Roche, Hicksville, N. Y.;
B.A. (State University of New York at
Stonybrook); *City and Regional Planning*

Master of Fine Arts

Ten candidates

Nancy L. Bless, Yellow Springs;
B.A. (Scripps College); *Art*

Nancy Angela Davies, Naperville, Ill.;
B.S. (Miami University); *Art*

Mary Virginia Goodyear, Bellmore, N. Y.;
B.F.A.; *Art*

Nancy Louise Greco, Middletown, Conn.;
B.S.; M.S. (Southern Connecticut State
College); *Art*

Beryl A. Matthews, Columbus;
B.A., M.A. (University of Wisconsin); *Art*

Susan Matthews, Fort Worth, Tex.;
B.F.A. (North Texas State University);
Art

Mark Pascale, East Haven, Conn.;
B.A. (Southern Connecticut State
College); *Art*

Denise Marie Swanson, Erie, Pa.;
B.F.A. (Columbus College of Art and
Design); *Art*

John Dale Swanson, Beloit, Wis.;
B.F.A. (Columbus College of Art and
Design); *Art*

Daniel Joseph Vanden Eynden, Columbus;
B.F.A.; *Art*

Master of Labor and Human Resources

One candidate

Albertus J. Veenstra, Johnstown;
B.S.L.H.R.; *Labor and Human Resources*

Master of Music

One candidate

Paul Alan Miller, Westerville
B.Mus.; *Music*

Master of Public Administration

Two candidates

Stephen Mark Stanley, Louisville, Ky.;
B.S. (Miami University); M.B.A.;
Public Administration

Glenn Thomas Worley, Newton Falls;
B.A.; *Public Administration*

Master of Science

Two hundred and twenty-eight candidates

Patricia R. Aaron, Venus, Pa.;
B.S.Nurs. (Villa Maria College); *Nursing*

Susan Kains Ahearn, Dayton;
B.S.Ed. (Bowling Green State University);
Natural Resources

Nahad W. Al-Khalidi, Iraq;
B.Vet.Med. (University of Baghdad);
Veterinary Pathobiology

Kathleen Kimler Altobelli, Dallas, Tex.;
B.A. (Rice University); *Statistics*

Linda Williams Anderson, Monticello, Ark.;
B.S. (University of Arkansas); *Home
Economics*

Bernard Joseph Andrews, Tipton, Ind.;
B.S. (Ball State University); *Nuclear
Engineering*

Joseph Isaac Arar, Columbus;
B.S.Ch.E.; *Chemical Engineering*

Mickey Francis Arthur, Grove City;
B.S.; *Dairy Science*

Rebecca Jane Bailey, Caledonia;
B.S.Agr.; *Agricultural Education*

Barry Lee Ballard, Dayton;
B.S. (University of Washington); *Physics*

Susan Mary Balmat, Euclid;
B.S.Nurs. (Saint John College); *Nursing*

Frederic C. Barbis, Cleveland;
B.S. (Cleveland State University);
Geology and Mineralogy

Judith Caron Batya, Parma;
B.S. (Cleveland State University);
Genetics

Robert Allen Baxter, Charlotte, N. C.;
B.S.E.E. (North Carolina State
University); *Electrical Engineering*

Earl Joseph Beiler, Belleville;
B.S.Agr.; *Dairy Science*

Roger Frank Bender, Fort Loramie;
B.S.Agr.; *Agricultural Education*

Mark Lawrence Bigler, Dayton;
B.S.M.E.; *Mechanical Engineering*

Marjorie Anne Black, Miami, Fla.;
B.S.Nurs. (University of Florida);
Nursing

James David Blik, Sodus, N. Y.;
B.S.A. (University of Georgia);
Agricultural Education

William Bradley, Bryan;
B.S., O.D.; *Physiological Optics*

Al C. Brant, Lebanon;
B.S.Agr.; *Agronomy*

Carol Lynn Brenner, Coshocton;
B.S.Ed. (Ashland College); *Home
Economics*

Robert L. Brinkman, Ottoville;
B.S.; *Agricultural Education*

Michelle Terry Brownstein,
Rochester, N. Y.; B.S. (Cornell
University); *Dairy Science*

William Alvin Bussey, Somerset;
B.S.Agr.; *Agricultural Education*

William D. Butler, Columbus;
B.S.Agr.; *Agronomy*

Kevin Michael Carter, Painesville;
B.S.; *Atmospheric Sciences*

Wenyaw Chan, Kusan, Taiwan, R.O.C.;
B.S. (National Central University);
Mathematics

Beverly Yvonne Claxton, Detroit, Mich.;
B.S.Nurs. (Hampton Institute); *Nursing*

Kathleen Alice Collins, Los Angeles, Calif.;
B.A. (University of San Diego);
Allied Medical Professions

Laura Mowbray Cook, Portsmouth;
B.S.H.E.; *Home Economics*

Robert Gilliland Corey, Jr.,
Silver Spring, Md.; B.S. (Carnegie-Mellon
University); *Metallurgical Engineering*

Bette S. Cotzin, Ann Arbor, Mich.;
B.S. (Simmons College); *Allied Medical
Professions*

John Samuel Croft, Columbus;
B.S.; *Geology and Mineralogy*

William Milton Crowe, Ironton;
B.S.; *Natural Resources*

Louis G. Damschroder, Jr., Gibsonburg;
B.S.; *Agricultural Education*

Carolyn Maxine Daugherty, Prospect;
B.S.Ed.; *Natural Resources*

Sandra Leah Chizmar Denman, Cleveland;
B.S. (John Carroll University); *Pharmacy*

Henry Wayne Derstine, LaMesa, Tex.;
B.S., M.Ed., D.V.M. (Texas A & M
University); *Animal Science*

Anne O'Farrell DeVoe, Columbus;
B.S.Nurs.; *Nursing*

Pamela S. Dickerson, Columbus;
B.S.N. (Old Dominion University);
Nursing

Mary Ann Dowdell, Elyria;
B.S. (Kent State University);
Home Economics

Elaine Marie Drstvensek, Lorain;
B.S.Ed. (Bowling Green State University);
Home Economics

Christopher Krzysztof Druzgalski,
Warsaw, Poland; Diplom Engineer
(Polytechnic of Warsaw); M.S. (Technical
University); *Bio-Medical Engineering*

Roger Laurier Dumas, Acushnet, Mass.;
B.A. (Assumption College); *Mathematics*

Sankar Dutta, Calcutta, India;
B.A., M.A. (Calcutta University);
Mathematics

Saad Sayed Ahmed El-Azazy, Columbus;
B.C.E. (Cairo University); *Civil
Engineering*

Mohamed Abdussalam El-Mojarrush,
Tripoli; B.S. (University of Tripoli);
Civil Engineering

Robert Jay Engelbach, Queens, N. Y.;
B.S. (Fairleigh Dickinson University);
Chemistry

Carol JoAnn Etscheid, Mt. Prospect, Ill.;
B.S.Nurs. (University of Illinois); *Nursing*

Barbara Jane Etzel, North Merrick, N. Y.;
B.S. (Cornell University); *Animal Science*

Rayna Ryan Eyster, Belleville;
B.S.Ed. (Ashland College); *Home
Economics*

Patricia Kane Finding, Columbus;
B.S.All'd.Hlth.Prof.; *Allied Medical
Professions*

David A. Finfrock, St. Paris;
B.S.Agr.; *Agricultural Education*

Rena Joan Finkestein, New York, N. Y.;
B.S. (State University of New York
College at Buffalo); *Nursing*

David John Fitch, Orland Park, Ill.;
B.S. (University of Illinois); *Computer
and Information Science*

Mary Katherine Foeking, Chardon;
B.S. (University of Dayton);
Physiological Chemistry

Rosemary Forest, Red House, Va.;
B.S. (Norfolk State College); *Home
Economics*

Robert Marion Freeze, Pataskala;
B.S.Agr.; *Agricultural Education*

Mark William Frye, Columbus;
A.B. (Miami University); *Geology and
Mineralogy*

Wesley Leonard Furste, III, Columbus;
A.B. (Boston University); *Pharmacy*

Kathleen E. Galloway, Athens;
B.S. (Miami University); *Home Economics*

Robert Zell Goodman, Cleveland;
B.A. (Miami University); *Zoology*

William Donald Goodwin, Cambridge;
B.S.Ed. (Ohio University); *Agricultural
Education*

- Marcia Mae Gowen, Rochester, N. Y.;
A.B. (Smith College); *Agricultural Economics and Rural Sociology*
- Janet C. Graham, Edinboro, Pa.;
B.S.Ed. (Ohio University); *Home Economics*
- Brenda Lynn Grau, Dallas, Tex.;
B.S. (Texas A & M University); *Zoology*
- Beverly J. Gray, Alpena, Mich.;
B.S.Nurs. (Capital University); *Nursing*
- Bettianne Greene, Cincinnati;
B.S.Occ.Thor.; *Allied Medical Professions*
- John Whitaker Grove, Mobile, Ala.;
B.S. (University of South Alabama); *Mathematics*
- Nirmala Guleria, Urbana;
B.D.S. (Punjab Government Dental College, India); *Dentistry*
- Md.Abdul Aziz b Haji Suliman, Malaysia;
B.S. (Louisiana State University); *Agricultural Economics and Rural Sociology*
- William Teh-Wei Han, Columbus;
B.A. (International Christian University); *Chemistry*
- James Wilfred Hartings, Vandalia;
B.Ch.E. (University of Dayton); *Chemical Engineering*
- Donna Marie Hayes, New Carlisle;
B.S. (Miami University); *Allied Medical Professions*
- Elaine Gardner Haynes, New London;
B.S.Nurs.; *Nursing*
- Lynn Carol Hebebrand, Cleveland;
B.S.; *Microbiology*
- Janie Dee Henry, Columbus;
B.S.; *Animal Science*
- Steven Allen Hill, Urbana;
B.S.H.E.; *Computer and Information Science*
- Peggy Marlene Hiser, Baltimore;
B.S.H.E. (Ohio University); *Home Economics*
- John Hallett Hixson, Fresno;
B.A. (Malone College); *Animal Science*
- Hsu-Tao Ho, Taiwan, R.O.C.;
B.S. (National Chung-Hsing University); *Chemistry*
- Douglas Alan Hofmann, Columbus;
B.S.; *Geology and Mineralogy*
- Michael L. Hoke, Columbus;
Physics
- Wendell Horner, Tucker, Ark.;
B.S. (University of Arkansas); *Home Economics*
- Robert Louis Horton, Lewiston, N. Y.;
B.S. (Cornell University); *Agricultural Education*
- Betsy Jo Houchen, Columbus;
B.S.Nurs. (Capital University); *Nursing*
- Kang Hsu, China, R.O.C.;
B.S. (Tungshai University); Ph.D. (University of Nebraska); *Computer and Information Science*
- Kuang-Liang Hsu, Taiwan, R.O.C.;
B.S.E. (National Cheng-Kung University); *Metallurgical Engineering*
- Sarah Renfrew Huff, Houston, Tex.;
B.A. (College of Wooster); *Pharmacy*
- Nancy R. Hutchison, Garden City, N. Y.;
B.A. (Ohio Wesleyan University); *Horticulture*
- John Roth Hyland, Jr., Milford;
B.S.C.E. (Ohio University); *Nuclear Engineering*
- Gary L. Isbell, Oregon;
B.S. (University of Washington); *Zoology*
- John N. Jacquemin, Hamilton;
B.S.Agr.; *Agricultural Education*
- Shih-Zong Jang, R.O.C.;
B.S.E. (National Cheng-Kung University); *Civil Engineering*
- Christopher Jekeli, Potsdam, N. Y.;
B.A. (McGill University); *Geodetic Science*
- Eric Dana Johnson, Rockport, Mass.;
B.S.E.E. (Lowell Technological Institute); *Electrical Engineering*
- Jo Marlene Jones, Marysville;
B.S.H.E.; *Home Economics*
- Joon Hyun Kang, Lancaster;
B.S. (Seoul National University, Korea); *Welding Engineering*
- Massoud Kangarlou, Tehran, Iran;
D.D.S. (University of Tehran); *Dentistry*
- Zaven A. Karamanoukian, Granville;
B.A. (American International College);
M.A. (University of Illinois); Ph.D. *Computer and Information Science*
- Gerald Howard Kassoy, Columbus;
B.A. (University of Massachusetts);
D.D.S. (Howard University); *Dentistry*
- Robin Garber Kaufman, Marblehead, Mass.; A.B. (Indiana University); *Horticulture*
- Robert Timothy Kemerley, Dayton;
B.S.E.E.; *Electrical Engineering*
- James Dennis Kiper, Columbus;
B.A. (Olivet Nazarene College); M.S.; *Computer and Information Science*
- Ronald Warren Kiser, Charleston, W. Va.;
B.S.C.E. (West Virginia Institute of Technology); *Civil Engineering*
- Alan Lance Klein, Cincinnati;
A.B., M.B.A. (University of Michigan); *Allied Medical Professions*
- M. Kathleen Kluznik, Columbus;
B.S.Nurs.; *Agricultural Economics and Rural Sociology*
- Gregory Thomas Krause, Columbus;
B.S.W.E.; *Welding Engineering*
- Lenny A. Krieg, Columbus;
B.S.A.A.E. (Purdue University); *Geodetic Science*
- Eric Cheng-Hwa Kung, Cincinnati;
B.S.I.E. (University of Wisconsin); *Industrial and Systems Engineering*
- Hongchih Kuo, Taipei, Taiwan, R.O.C.;
B.S. (National Tsing Hua University); *Mathematics*
- Jamebond Kuo, Columbus;
B.S.E. (National Taiwan University); *Electrical Engineering*
- Dana Lacy, Columbus;
B.S. (Miami University); *Home Economics*
- Chi-Ping Lau, Hong Kong;
B.S.; *Mathematics*
- Bruce William Lavash, Cincinnati;
B.S.M.E.; *Mechanical Engineering*
- David Kyle Lawson, Westerville;
B.S. (Ashland College); *Agronomy*
- Charles Robert Lee, Jr., Dallas, Tex.;
B.S. (Baylor University); *Industrial and Systems Engineering*
- Chauhung Lee, Columbus;
M.S. (State University of New York College at Stony Brook); *Computer and Information Science*
- Hsien-Che Lee, Taiwan, R.O.C.;
B.S.E. (National Taiwan University); *Electrical Engineering*
- Beverly Ann Leite, Lansing, Mich.;
B.S. (Michigan State University); *Physiology*
- Robert Allen LeMaster, Columbus;
B.S.M.E. (Akron University); *Engineering Mechanics*
- Cynthia Lowe Lenz, Norwich;
B.S. (University of Pittsburgh); *Nursing*
- Maurice Joseph Liebhauer, Sydney, Australia; B.S. (Sydney University); *Mathematics*
- Syd Lewis Lifshin, New York, N. Y.;
B.A. (Queens College); *Mathematics*
- Arthur Kuo-In Lin, Taipei, Taiwan;
B.S. (Fu-Jen Catholic University); *Mathematics*
- Sarah Jane Lindsey, Granville;
B.S.Agr.; *Agricultural Education*
- Rachel Werner Little, Columbus;
B.S.Nurs.; *Nursing*
- David Hsiao-Ming Loh, Taiwan, R.O.C.;
B.S. (National Taiwan University); *Mechanical Engineering*
- Mary Ann Lueking, Fort Collins, Colo.;
B.S. (Colorado State University); *Agronomy*
- Nancy Jane Manning, Mansfield;
B.S.Agr.; *Horticulture*
- Sharon Barnes Maraffa, Columbus;
B.S.Agr.; *Horticulture*
- Sandra Wise Marak, Weston;
B.S.Nurs. (Bowling Green State University); *Nursing*
- Robert Douglas Marquard, Rocky River;
B.S.; *Natural Resources*
- Michael A. Martello, Steubenville;
B.S.Agr.; *Poultry Science*
- Julia Martens, Rochester, N. Y.;
B.S. (Cornell University); *Horticulture*
- William Luther McKnight, Neapolis;
B.S.Agr.; *Agricultural Education*
- Arturo J. Mendez, Mexico City, Mex.;
D.D.S. (University of Mexico); *Dentistry*
- M. Jaishankar Menon, Palghat, India;
B.Tech. (India Institute of Technology); *Computer and Information Science*
- Nancy Ann Merritt, Grove City, Pa.;
B.S.Ed. (Central Michigan University); *Home Economics*
- David S. Messinger, North Babylon, N. Y.;
B.S. (State University of New York College at Oneonta); M.S. (Northern Arizona University); *Zoology*
- Michael Thomas Metcalf, Bellville;
B.S. (Ashland College); *Natural Resources*

- Nancy Ann Henthorne Metz, Zanesville;
B.S.; *Nursing*
- Janet Marie Mewshaw,
Albuquerque, N. M.; B.S.Nurs. (University
of New Mexico); *Nursing*
- James Earl Mickle, Worthington;
B.S., B.S.Agr.; *Botany*
- Michael E. Miller, West Salem;
B.S. (Pennsylvania State University);
Agricultural Education
- Edward A. Moser, Shamokin, Pa.;
B.S. (Pennsylvania State University);
Dairy Science
- Cynthia Vaughn Munford,
Indianapolis, Ind.; B.A. (DePauw
University); *Zoology*
- Ann Brown Nutt, Columbus;
B.A. (Ohio Wesleyan University);
Home Economics
- Ohene Owusu Nyanin, Ghana;
B.S. (University of Wisconsin);
Agricultural Economics and Rural Sociology
- Margaret D. Ouellette, Columbus;
B.S.Nurs. (University of Vermont);
Nursing
- Diane Outen, Camden, S. C.;
B.S. (South Carolina State College);
Home Economics
- Choo Hye Paik, Seoul, Korea;
B.S. (Ewha Womans University);
Home Economics
- Alice Beard Pasquale, Gallipolis;
B.S.N. (Ohio University); *Nursing*
- E. Ann Hampton Peters, New Carlisle;
B.S.Nurs. (Wright State University);
Nursing
- Thomas Leszek Piatkowski,
San Francisco, Calif.; B.A. (Case Western
Reserve University); *Animal Science*
- Anita Gay Pinson, Union;
B.A. (DePauw University); *Chemistry*
- Edward William Powers, Columbus;
B.S.Agr.; *Agricultural Economics and
Rural Sociology*
- William D. Pratt, Endicott, N. Y.;
B.S. (Cornell University); A.A.S. (State
University of New York College at
Alfred); *Animal Science*
- Thomas Paul Price III, Gallipolis;
B.S.; *Agronomy*
- Patrice Ellen Rancour, Columbus;
B.S.; *Nursing*
- Alma Sue Ratts, Columbus;
B.S.Nurs. (Capital University); *Nursing*
- Michael Howard Renfroe,
Winston-Salem, N. C.; B.S. (North
Carolina State University); *Natural
Resources*
- Douglas J. Resnick, Columbus;
B.A. (State University of New York
College at Binghamton); *Physics*
- Charles Michael Rhoads, Middletown;
B.S.E.E.; *Electrical Engineering*
- Peter J. Richie, Columbus;
B.S. (University of Maine); *Zoology*
- Thomas H. Rieman, Cleveland;
B.S.; *Horticulture*
- Milton Duncan Rinehart, Columbus;
B.S.Nat.Res.; *Natural Resources*
- Linda Donnell Ross, Gahanna;
B.S.N. (University of Michigan); *Nursing*
- Robert Edward Rostas, Columbus;
B.S.Pharm.; *Pharmacy*
- Edward John Roszak, Euclid;
B.S. (John Carroll University);
Allied Medical Professions
- Dominique Marcelle Rouvet,
Montville, N. J.; B.S. (Rutgers
University); *Zoology*
- Mark Stephen Rudinski, Eatontown, N. J.;
B.S. (Seton Hall University); *Microbiology*
- Masood Sabihi, Columbus;
B.Sc. (Pahlavi University); M.Ed.
(Pennsylvania State University);
Agricultural Education
- Daniel R. Sanders, Richwood;
B.S.Ed.; *Natural Resources*
- Dennis C. Sargent, Columbus;
B.S.Agr.; *Agricultural Education*
- Betty Begley Schmol, Kettering;
B.S.Nurs. (Wright State University);
Nursing
- Kent E. Schwaegerle, Elyria;
A.B. (Oberlin College); *Botany*
- Ruth Ann Schwartz, New Bremen;
B.S.Nurs.; *Nursing*
- Andrew C. Selby, New York City, N. Y.;
B.A. (Hunter College); *Geology and
Mineralogy*
- Wanis Ali Shaari, Columbus;
B.S. (University of Libya); *Electrical
Engineering*
- Dennis Lee Shaw,
New Martinsville, W. Va.; B.S. (West
Virginia University); *Chemistry*
- Ruth Limbaugh Shaweker, Columbus;
B.S.H.E.; *Home Economics*
- David Earle Smith, Columbus;
B.S.; *Electrical Engineering*
- Dwight Alan Smith, Convoys;
B.S.F.S. (Georgetown University);
Agricultural Economics and Rural Sociology
- Edith L. Smoot, Columbus;
B.S.; *Botany*
- Josanne Marie Snyder, Tiffin;
B.S.Nurs.; *Nursing*
- Dilip Amritlal Soni, Bombay, India;
B.Tech., M.Tech. (Indian Institute of
Technology); *Computer and Information
Science*
- Renée Octavia Spencer, Floyd, Va.;
B.S. (Virginia State College); *Home
Economics*
- Jean Bausman Stacker, Columbus;
B.S. (Michigan State University);
Home Economics
- Stephen A. Steward, Milford;
B.S.E.E.; *Electrical Engineering*
- Norman David Stewart, Cincinnati;
B.S.Agr.; *Animal Science*
- Robert Howard Stock, Canton;
B.S. (Case Western Reserve University);
Poultry Science
- Joan Baetz Stoffregen, Amherst;
B.S.H.E.; *Home Economics*
- Sister Mary Constance Stopper, Columbus;
B.S.N., M.Ed. (Kent State University);
Nursing
- Willard J. Swank, Jr., Somerville, N. J.;
B.S. (State University of New York
College at Oneonta); *Geology and
Mineralogy*
- Wei-Chien Tang, Taiwan, R.O.C.;
B.S. (Fu-Jen Catholic University);
Mathematics
- Bradley Harold Taylor, Burns, Kan.;
B.S. (Kansas State University);
Horticulture
- Betty Lou Jamieson Tenney, Columbus;
B.S.Ed. (Southern Oregon College); M.A.;
Mathematics
- Satish R. Thatte, Bombay, India;
B.Tech. (Indian Institute of Technology);
Computer and Information Science
- Ratana Thienlikit, Bangkok, Thailand;
B.Eng. (Chulalongkorn University);
M.S.; *Computer and Information Science*
- Kathleen Hartzell Thorpe, Troy;
B.S. (University of Cincinnati);
Home Economics
- Robin Trainor-Masci, Bethlehem, Pa.;
B.S. (Baldwin-Wallace College);
Home Economics
- Madhav A. Unde, Milwaukee, Wis.;
M.I.E. (Institute of Engineers); C.Eng.,
M.I.Prod.E. (Institute of Production
Engineers); *Welding Engineering*
- Susan Lee Voelz, Milwaukee, Wis.;
B.S. (Purdue University); *Home
Economics*
- Pongtavan Vohariwatt, Bangkok, Thailand;
B.Eng. (Chulalongkorn University);
Mechanical Engineering
- Mary Winifred Walters,
St. Petersburg, Fla.; B.S.N. (Barry
College); *Nursing*
- John Richard Wehrmeister, Toledo;
B.S. (University of Michigan); *Botany*
- Jimmie E. Wellman, Jr., Columbus;
B.S.; *Microbiology*
- Jacob Wexler, Givatayim, Israel;
B.S.; *Mechanical Engineering*
- Kathy Gay Wheeler, Columbus;
B.S.Nurs.; *Nursing*
- William R. Gary White, Bloomington, Ill.;
B.S.C.E. (University of Illinois); *Civil
Engineering*
- Catherine Whiteside, Landrum, S. C.;
B.S. (Benedict College); *Zoology*
- Randall Lee Wiesenmayer, Lima;
B.S.Nat.Res.; *Natural Resources*
- Charles Edward Winkle, Fayetteville;
B.S.Agr.; *Agricultural Education*
- William Thomas Winsley, Zanesville;
B.S.Pharm.; *Pharmacy*
- Jack H. Winters, North Canton;
B.S.E.E. (University of Cincinnati);
Electrical Engineering
- Michael Chi-Keung Wong, Hong Kong;
B.S. (Lowell Technological Institute);
Nuclear Engineering
- Shirley Anne Woodworth, Madison;
B.F.A. (Stephens College); *Home
Economics*
- Virginia Loretta Wright, New York, N. Y.;
B.S. (City College); *Nursing*
- Lori Kay Wunderlich, Randolph;
B.S.Agr.; *Agricultural Education*
- Kenneth J. Wurm, Solon;
B.S.M.E.; *Nuclear Engineering*
- Sin-Hoi Yam, Hong Kong;
B.S. (State University of New York
College at Stony Brook); *Chemical
Engineering*
- Hsiaw-Chan Yeh, Taipei, Taiwan, R.O.C.;
B.S. (National Taiwan University);
Mathematics

Gregory Lee Youchak, Johnstown, Pa.;
B.S. (University of Pittsburgh); *Civil Engineering*

Brenda Kocher Young, Bloomville;
B.S.H.E.; *Home Economics*

Yang Soo Yun, Columbus;
B.S.Nat.Res.; *Natural Resources*

Steven J. Zeil, Covington, Ky.;
B.A. (Thomas More College); *Computer and Information Science*

Master of Social Work

One candidate

Constance L. Jefferson, Petersburg, Va.;
B.A. (Saint Augustine's College);
Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Colin B. B. Bull

Vice Provost for the Arts and Sciences:
Thomas A. Willke

The Colleges of the Arts and Sciences,
a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematics and
Physical Sciences

College of Social and
Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Twelve candidates

Darrell Corwyn Breese, Sylvania
Bonnie Bridget Burnham, Clayton
Jeffrey Roland Doggett, Cleveland
Mary Ann Best Fullen, Columbus
Ann B. Hilbert, Columbus
Harold Roger Hirsch, South Euclid
Nancy Shutt Kersell, Columbus
Greta Ann Knebel, Columbus
Mark Atwood Menke, III, Mansfield
Michele M. Nemes, Columbus
Anne Marie Rossi, Columbus
Jennifer J. Weingart, Powell

Bachelor of Fine Arts

Nineteen candidates

Susan Michele Ball, Columbus
Keith Brian Belman, Solon
Karen June Bonnallie, Elyria
Gayle Phillis Bradley, Cincinnati

Michael Edward Davis, Columbus
B.S.Ed.

Laurie Jill Gettles, Norwalk
Amy Joanna Hippie, Columbus
Becky Lou Hooker, Steubenville
Jeffrey Burke Light, Lima
Nancy Patricia McCaffery, Parma
Mark Joseph McGuire, Mt. Vernon
William N. Morris, Columbus
Susan Catherine Ohmer, Cincinnati
B.A.

Beth Ann Planzer, Cincinnati
Caroline Rogers Reinier, Grove City
John Roscoe Starkey, Grove City
Nancy Lynn Stoner, Hartford
Aysun Sualp, Columbus
B.S. (University of Missouri), M.S.,
B.Art Ed.
Cheryl Ann Wipert, Columbus

Bachelor of Music

Six candidates

Stephen Wayne Dodge, Columbus
Ann Eliza Haertling, Westerville
Joseph Craig Lilly, Columbus
Kevin Stewart O'Bryan, Columbus
Thomas Dean Veregge, Delaware
William John White, Columbus
B.E.E. General Motors Institute

Bachelor of Art Education¹

Fourteen candidates

Linda Karen Berger, Columbus
Scott Marshall Brandon, Columbus
Teresa Marie Calco, Olmsted Falls
Jose Luis Gimenez, Hellin-Albacete, Spain
Sandra Beth Golub, Pepper Pike
Janice Lorie Gottlieb, Dayton
Jay Curtis Huffman, Newark
Susan Jones Libbe, Grove City
B.S.H.E.
Mark Joseph McGuire, Mt. Vernon
Hannah Ann Milliken, Newark
Marjorie Cahill Salmons, Galloway
Sandra Barbara Streifender, Columbus
Sharon Dee Turner, Columbus
Avery Ann Yount, Columbus

Bachelor of Music Education¹

Five candidates

John Patrick Holsinger, Marion
Joseph Craig Lilly, Columbus
David Wayne Meredith, Columbus
Valerie Ann Petrushka, Fort Worth, Tex.
Karen Sue Wolford, Lima

Bachelor of Science in Industrial Design

Five candidates

Wilson Brent Cains, Huntington
Yvonne Foster, Columbus
Christopher Thomas Glaeser, Columbus
Frank Joseph Rowe, Jr., Worthington
Danelle Jean Troyer, Cuyahoga Falls

College of Biological Sciences

Bachelor of Science

Thirty candidates

James D. Ames, Louisville
Robert Paul Beaman, Alger
Ernest Charles Boeuf, Cleveland
Patricia Winter Boyd, Columbus
Julia Coffey Carey, Columbus
Quinton Eugene Collins, Willoughby
Charles J. Fajgier, Zanesville
Karen Sue Fries, Youngstown
Edward S. Goetz, Portsmouth
Scott V. Graham, West Speld, Mass.
Timothy Johnson Green, Cambridge
Michael Robert Gross, Solon
James Dalton Hayes, II, Columbus
Moorthy N. Iyer, Worthington
Christopher Jason Kaine,
Middleburg Heights
Karen Anne Kelecny, Rocky River
Elenny Michelle J. Marvis, Cleveland
Dennis M. Matricardi, Lowellville
Sharon Ann McCarley, Columbus
John Charles McConaghy, Columbus
Lawrence Edward McKernan,
Middleburg, Conn.
Frederick A. Miller, Galloway
Candy O'Brien, Grove City
Kevin Olson, Ashland
Michael David Pacak, Campbell
William Elliot Patterson, Rochester, N. Y.
Thomas Pearson, Cincinnati
Elizabeth Nold Phillips, Columbus
William Lloyd Potts, Jr., Columbus
Kenneth J. Schniegenberg, Garfield Heights
Vanessa Tolliver, Akron

College of Humanities

Acting Dean: Leon I. Twarog

Bachelor of Arts

Thirty-six candidates

Terrence Kevin Baughman, Dover, Del.
Sandi Adele Buford, Cleveland
Logan Christopher Chaney, Delaware
Barry Jon Chesler, Columbus
Keith Arlen Christman, Mansfield
Mary Ellen Duprey, Columbus
Diana L. Evenson, Columbus
Sally Jo Eyre, Columbus
Richard Alain Freeman, Columbus
Darwitt Garrett, Sandusky
Shirley Ann Gray, Canton
Lee Ann High, Shelby
Deborah Lynn Hunter, Westerville
Mary Beth Hutchison, Chesterland
R. B. Alexander Lame, Huntsville
Lorelei M. Lanier, Columbus

¹ Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education
² Also Bachelor of Art Education, College of Education
³ Also Bachelor of Music Education, College of Education
⁴ Also Bachelor of Fine Art, Colleges of the Arts and Sciences
⁵ Also Bachelor of Music, Colleges of the Arts and Sciences

Kenneth Jay Lazear, Columbus
 Susie Hanket Lewis, Columbus
 Gerald M. McGinnis, Mansfield
 Joyce Lynn Mellott, Toronto
 Osvaldo Mesa, Columbus
 Sandra L. Nelson, Vicksburg, Miss.
 Edward Louis Nolte, Gahanna
 Steven Joseph Patterson, Wauwatosa, Wis.
 Elaine Pyrch Pierce, Columbus
 Richard Allen Rose, Lancaster
 Donna Simmons, Columbus
 Thomas Edwin Smith, Chillicothe
 Linda Keturah Spencer, Chardon
 Karl Joseph Stratman, Wilmington
 Teresa Anne Todd, Coshocton
 Jean Marie Utley, Columbus
 Brian Williams, Dover
 Robin Alicia Yaneck, Flushing
 Tonia Marie Young, Columbus
 Patricia C. Ziska, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Three candidates

Robert Earl Choate, Upper Arlington
 Albert Benjamin Fisher III, Franklin Lakes, N.J.
 Beth Florence Wigen, Columbus

Bachelor of Science

Sixteen candidates

David Ray Blair, Jr., Columbus
 David Kevin Coon, Blytherville AFB, Ark.
 Robert John Fenzan, Wadsworth
 Randy Lynn Gloor, Paulding
 Byron Dean Gulick, Circleville
 Christena Marie Harvey, Bellefontaine
 Jonathan David Istok, Mansfield
 John V. Marshall, Grove City
 Clyde Philip Mason, Jr., Columbus
 David George Miller, Newark
 John Norman Rauchenstein, Jr., Gahanna
 Martin A. Rote, Columbus
 Brian Clarence Samuels, Columbus
 Albert Scott, Jr., Mansfield
 Harriet Minna P. Weatherford, Columbus
 Sandra Joyce Louise Whaley, Middletown

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

One hundred and eleven candidates

Jeffrey S. Allen, Manhasset, N. Y.
 Amy Colleen Arrington, Columbus
 Evelyn Caressa Baker, Cleveland
 Daniel M. Barnett, Shaker Heights
 Clarence Beale, Saginaw, Mich.
 Marilyn Joy Brenner, Youngstown

Gayle Patrice Brown, Steubenville
 Elvin Cannon, Jr., Nashville, Tenn.
 John J. Canty, Columbus
 Kavi Choongkittavorn, Bangkok, Thailand
 Cheryl Lynn Collins, Akron
 Jerry G. Collins, Zanesville
 Joseph G. Collins, Columbus
 Susan Virginia Cromer, Dayton
 Kim Joseph Davies, Columbus
 Charles Mark Davis, Virginia Beach, Va.
 James John Deutsche, Jr., Columbus
 Richard Harris Drucker, Beachwood
 Kim Robert Dunlope, Winterville
 Muriel Rhoda Dunn, Columbus
 Steven Craig Ellis, Columbus
 Julieanne Elizabeth Fath, Mentor
 Kent S. Flaherty, Columbus
 Shannon Foster, Jr., Worthington
 William J. Fountos, III, Youngstown
 Martin C. L. Frank, Fairborn
 Patricia Ann Freeman, Sciotoville
 Joy B. Friedman, Columbus
 Neil Edgar Friend, Zanesville
 Judith Frumkin, Columbus
 Thomas Jeffrey Fuller, Sausalito, Calif.
 Jeffrey Robert Geist, Worthington
 Frederick F. Givertz, Columbus
 David Rickard Grove, Columbus
 Pamela Ann Hall, San Antonio, Tex.
 Rebecca Lynn Hamner, Dayton
 Mary Lou Hawkins, Wapakoneta
 George J. Hendricks, Kent
 Christine Ann Högberg, Columbus
 Chet Bradley Homyak, Huron
 William E. Houston, Gahanna
 Diana L. Hughes, Columbus
 Jenny Jacobsen, Mansfield
 Gregory Wayne Johnson, Columbus
 David Allan Jones, Columbus
 Diane Jones, Cleveland Heights
 William Harold Jorgensen, Columbus
 Karen Sue Kaplan, Dayton
 Connie Ann Keller, Columbus
 Robert A. Kelley, Jr., Toledo
 Deborah Ann Knapp, Cambridge
 Mark Jeffrey Koenreich, Columbus
 Benjamin James Lawrence, Columbus
 Ronald J. Likover, University Heights
 Michael D. Link, Columbus
 Evelyn Irene Lyons, Thompson
 John E. Master, Parma
 Lisa Benedict Mastrangelo, Willoughby
 Cynthia Jo Maxwell, Columbus
 Sara A. Mazak, Akron
 Joanne Marie Mazzulo, Brecksville
 Nancy Ruth McCarty, Pittsburgh, Pa.
 Shirley Elaine Moore, Westchester, Ill.
 Kathryn Ann Moran, Canton
 Ann Marie Murman, Lakewood
 Susan Patricia Mussio, Columbus
 Gene Alan Nickoli, Elyria
 Roy Nicol, Stow
 Kenneth E. Nixon, Medina
 Shirley Mae Norman, El Dorado, Ark.
 Paulo Nuosci, Peninsula
 Lawrence Walter Obodzinski, Cleveland
 Patricia A. O'Rourke, Columbus
 Barbara Anne Oswald, Washington C. H.
 Mary Kimberly Pfister, Columbus
 Sandra P. Pigler, Augusta, Ga.
 LuAnn Piper, Gahanna
 Douglas Paul Porter, Youngstown
 Raoul Jean Quantz, Jr., Montgomery
 Janelleen Ragan, Wadsworth
 Mark Patrick Ramsdell, Cincinnati
 Mondra June Rose, Columbus
 Jeffrey Alan Salmon, Canton
 Susan Louise Schiller, Columbus
 Kenneth William Schreck, Kettering
 Robert Sheldon Schwachter, Beachwood
 Diane Rose Seichitrao, Columbus
 Richard Todd Shaw, Dover
 Sybil Truphelia Sherman, Columbus
 James Leonard Simons, Elida
 Deborah Lynn Spaun, Columbus
 Gregg David Spierling, Columbus
 Cynthia Sue Strahler, Spring Valley
 William Jay Strach, Columbus
 David R. Sullivan, Zanesville

Harry Allan Tabler, Cincinnati
 Stephen Lee Testerman, Lebanon
 Christina Van Heyde, Columbus
 Mary Patricia Vargo, Columbus
 Kenneth Vasicek, Cleveland
 Martha Elizabeth Vincent, Columbus
 Susan Jayne Warner, Columbus
 Robert Mark Randal Waterworth, Dayton
 Richard Martin Weirich, Columbus
 Kenneth Roy Williams, Zanesville
 Lora Roseann Wise, Columbus
 Susan M. Wood, Columbus
 Cheryl S. Worster, Sunbury
 Andrew Anson Worth, Cincinnati
 Gwendolyn Ann Wright, Columbus
 Susan Marie Zack, Columbus

Bachelor of Science

Eighteen candidates

Bonnie Sue Blumenthal, Miami, Fla.
 Elizabeth J. Branham, Crestline
 Paula Heinmiller Brown, Columbus
 Peggy Lee Foulk, Plain City
 Stanley Mark Garman, Dunkirk
 Susanne R. Internicola, Lewistown, N. Y.
 Debra Stannert Jones, Columbus
 Leslie Ann Klahn, Crestline
 Ann Louise Link, Dayton
 Jacqueline Ilona Maranville, Columbus
 Paul F. McCloskey, Columbus
 Michael E. Moehrmann, Columbus
 Gwyndolyn A. Montgomery, Cincinnati
 Joanne Ingle Phillips, Barnesville
 Ronald E. Salem, Akron
 Sylgienda A. Smith, Columbus
 Kenneth L. Teltzow, Independence
 Joel Leon Zureick, Columbus

Bachelor of Arts in Journalism

Twenty-seven candidates

Charles Calvin Brown, Jr., Wyoming
 Scott Tyler Burns, Oak Hill
 Stephen P. Crawford, Enon
 Alan Dwayne Crockett, Cleveland
 Leona Gail DeMent, Springfield
 Leslie Jean Dykes, Cleveland
 Tracy C. Gibson, Philadelphia, Pa.
 Lynn Gottlieb, Dayton
 Margaret M. Guinan, Lancaster
 Matthew Baker Hall, Canfield
 Leigh Hermance, Columbus
 Margaret Anne High, Mansfield
 Anna Marie Holub, Brook Park
 Jeffrey Duncan Logan, North Canton
 Susan M. Lucarelli, Columbus
 Julia Veronica Maher, Salineville
 Marie Antoinette McNeal, Columbus
 Melanie Helene Negrey Mistigih, Cuyahoga Falls
 Pamela Jean Nagel, Cincinnati
 Deborah Suzanne Pfeifer, Columbus
 Gloria J. Ramirez, Swanton
 Mary Ann Ross, Elyria
 Rodney Allen Ross, Columbus
 Debra L. Stok, Columbus
 Dorna Jean Stock, Wellsville
 Jill Annette Taylor, Columbus
 Howard James Trickett, Columbus

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

One hundred and fifty-four candidates

Chris George Aivaliotis, Pittsburgh
Mark Douglas Allen, Washington C. H.
Leonard William Anderson, Jr., Cleveland
Randall Adrian Anderson, Hamilton
Everett Dean Archie, Columbus
John William Baar, Reed City, Mich.
Richard Lee Baker, Akron
Mark Richard Balmer, Cuyahoga Falls
Jane Elizabeth Barry, Columbus
Barbara Ann Barry, Columbus
Mitchell Aaron Baumgarten, South Euclid
Thomas Bichen Bowlus, Pemberville
Leo Walter Branzstet, Lorain
John Kraus Burkley, Jr., Stow
James John Cahill, Southport, N. C.
Timothy Martin Cancila, Dayton
Jan Leslie Christman, Deshler
David Alan Clarke, Cincinnati
David Richard Conley, Oak Hill
William Burrell Covington, Washington, D. C.
Stephen A. Critzer, Columbus
Donald Davis, Cincinnati
Leonard Goodman Davis, Staten Island, N. Y.
Daniel Arden Day, Canton
James Howard Deppen, Galion
Janice Lee Dill, New Carlisle
Corinne Dillon, St. Albans, W. Va.
Timothy Richard Donovan, Columbus
Larry Alan Dreffer, Lima
Jonathan Scott Easley, Grove City
R. Lynn Eyre, Louisville, Ky.
John Leo Federer, Jr., Columbus
John Howard Feole, Columbus
Thomas Alton Fessel, Cincinnati
Robert Wendell Fisher, Youngstown
Mary Yvonne Flaunt, Somerset
Ty Lee Foster, Circleville
Timothy Lewis Fox, Dayton
Michael Loren Freshwater, Hamilton
Joseph Michael Fritz, Maumee
Michael James Geren, Lima
Cynthia Lou Gillette, Columbus
James L. Gordon, Lima
Ronald Dale Grimes, Columbus
Dennis Paul Grote, Cincinnati
Raymond Benjamin Gudowicz, Wickliffe
Richard Gustafson, Poland
Michael D. Hackman, Columbus
Paul Ernest Hajdin, Bridgeport
Timothy Jude Haladay, Youngstown
Arletta Jean Harrell, Cleveland
James Robert Hartshorne, Loudonville
Paul Richard Hedges, Dayton
Leonard Sherman Heiser, Zanesville
Robert Clinton Higgins, Jr., Painesville
Richard Michael Hill, Parma
Kathryn Jo Hoffman, Ashville
John William Homolak, Strongsville
William Herbert Hughes, Circleville
Daniel James Hunter, Bucyrus
Mary Frances Hutcheson, Zanesville
Nasir Issa Ismaili, Columbus
Barbara Jean Ison, Milford
Wilbert Ivory, Columbus
Robert G. Jacobsen, Columbus
Kenneth Allan Jacobson, Saddle River, N. J.
David Michael Jensen, Seven Hills
Irma Del Carmen Jerez, Judibana, Falcon, Venezuela
Kathleen Marie Jester, Columbus
Terrence Lee Jones, Columbus
Mark Ray Jordan, Toledo

James Franklin Kelch, Jr., Lima
Thomas Wesley Keyes, Columbus
Myung J. Kim, Seoul, Korea
Kirk Edward Knecht, Circleville
Charles William Krallman, New Albany
Charles David Kramer, Mansfield
Robert Louis Krul, Lorain
Teresa Ann Masucci Landholt, Columbus
Victor Frank Lankamer, Columbus
Christopher Hall Lauer, Bowling Green
Timothy Alan Lauer, Westerville
Michael Carl Leow, Port Clinton
Robyn Eileen Lerchbacker, Elyria
Linda Marie Lopez, Huron
Gregory Alan Luckenbill, Galloway
Jeffrey Vernon Lyon, Cincinnati
Debra Margaret Mahoney, Columbus
Richard Gregory Maier, Cincinnati
Thomas Michael Maloney, Tiffin
Matthew James Maricevich, Gahanna
Rick Marker, Bryan
John Edward Marushin, Parma
Craig Allen McCann, New Albany
Terry Joseph McGuire, Findlay
Gregory Len Meek, Kettering
Chuck Evan Meyers, Columbus
Aaron Edmund Michel, Marysville
Max William Midlam, Marion
Jerrold Dee Miller, Mansfield
Theodore A. Miller, Newark
Gwendolyn Mitchell, Cleveland
Paul Thomas Monks, Delaware
Edward Wheeler Morrissey, Kettering
Frank Phillip Murphy, Yeadon, Pa.
Wendell Murray, Columbus
Kathleen Dawn Nevin, Bellevue
David Alan O'Brien, Columbus
Daniel Edward O'Connell, Kettering
Joan Lesley Osendott, Columbus
James Michael Palavin, Chesterland
Michael John Pallardy, Elyria
James Joseph Palmisano, Columbus
Chris Alan Peoples, Troy
Bernice Peoples, Columbus
Stuart James Phillips, Steubenville
Robert Patrick Phipps, Toledo
Douglas Alan Reno, Dayton
Richard Terrence Rettemmier, Columbus
G. Kent Retterer, Beverly
Rhett Calvin Ricart, Canal Winchester
Jack Alan Richman, Brooklyn, N. Y.
Jennifer Lynn Riel, Kettering
Brian Joseph Ritchey, Columbus
James Edward Robinson, Westerville
Carol Anne Roelle Rodock, Columbus
Kenneth E. Roush, Whitehall
Christopher Richard Rose, Worthington
Mary Louise Saddler, Ashtabula
Rhonda Lyn Samberg, Cleveland
John G. Schenerlein, Columbus
James Marian Sexton, Columbus
Glenn Allen Sitter, Aurora
Aimee Slaby, Parma
John Webster Slagle, Galion
James A. Smedley, Columbus
Anthony James Smith, Tipp City
Derrrell Michael Smith, Marysville
Vincent Pierre Smith, Cleveland
William Anthony Smith, Columbus
David Marilyn Sparks, Urbana
Michael Stavreff, Columbus
David Leslie Stutzman, Aurora
Nanette Rae Sunday, Van Wert
George John Tablack, Campbell
Lawrence Michael Tedeschi, Shadyside
Dana Vidussi, Cuyahoga Falls
David Darryl Wandrey, Columbus
Marcia Ellen Ahrens White, Mt. Vernon
Peggy J. Wilcox, Marion
Jeffrey Allen Williams, Delaware
Vicky Fay Williams, Akron
John David Wisler, Springfield
Todd Luther Witter, Cincinnati

Bachelor of Science in Labor and Human Resources

Five candidates

William Richard Brown, North Canton
Lowell E. Crable, Columbus
Richard Frank Levinstein, Columbus
Sherril R. Maillard, Columbus
Robert Edward Wazgar, Parma

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Sixty-one candidates

Warren Linn Black, Hebron
Janet Marie Blechschmidt, Ashland
Alaxis Rudolph Braynen, Nassau, Bahamas
Ronald Dale Broeske, Bellville
Mark Alan Brooks, Union City
Paul Wilson Buck, Columbus
Mary Joan Buddie, Rocky River
Richard Moore Covington, Youngstown
James Dwight Culbertson, Hebron
Karen Ann Culler, Mansfield
Charles Scott Diebel, Cincinnati
Marlene Georgia DiGennaro, Bethany, Conn.
Craig W. Dubbs, New Madison
Ord Carty Dunn, Shelby
Michael Douglas Elwer, Columbus
Raymond Henry Enderle, Jr., Jeromesville
Steven William Erickson, Dayton
Robert Lowell First, Seville
A.A. (University of Akron)
Thomas Neil Garner, Lindsey
Jane Elizabeth Gilbert, Worthington
John Williams Hamilton, Califon, N. J.
Linda Sue Hattery, Middletown
Joseph Raymond Heckman, Yorkshire
George Jeffrey Hisey, Toledo
Donna Ann Hollander, Columbus
Gregory Holmes, Columbus
Richard Erayton Howard, Madison
Richelle Ruland Howard, Columbus
Thomas David Hrbac, Oregon
Brandon Douglas Hurt, Columbus
David Neil Jacobsen, Cincinnati
Lauri Ernest Kaszar, Dorset
Donna Kuhn Keller, Columbus
Joseph Henry Koch, Oxford
Joseph Patrick Kriis, Loudonville
Dru Elaine Logan, Cincinnati
Floyd Brandon Mallory, Cincinnati
Charles Jack Malone, Ili, Huron
James Joseph McKisic, Cincinnati
William James McNamara, Parma Heights
Richard Olin Michael, New Madison
Dale Edward Middleton, Wilmington
Janice Kay Miller, Columbus
Betty Jo Moravick, St. Clairsville
Margaret Innes Mussard, Fort Collins, Colo.
Gary Allen Noble, Dayton
Burkie Wade Perry, Kettering
Dianne Susan Peterjohn, Worthington
Mark Thomas Roshetko, Northfield
Ronald William Rossel, Columbus
Stephen Anthony Scharf, Marion
Jonathan Dana Schmidt, Worthington Agr.
David Allen Sharick, Avon
David Scott Sharpnack, Elyria
Nancy Ellen Smith, Fairview Park
Carol Ann Starkey, Lebanon
Jack Randall Tincher, Oxford
Philip Carl Weeks, DeGraff

David Scott Wills, Wilmington
James Robert Wineberg, Springfield
Cheryl Lynn Wright, Clayton

Bachelor of Science in Food Science

One candidate

Joseph Harold Horn, Cincinnati

Bachelor of Science in Food Technology

Two candidates

Karen Elizabeth Hendrix, Plantation, Fla.
Duane Kent Larick, Mentor

Bachelor of Science in Nutrition

One candidate

David Lee Harmon, Columbus

School of Home Economics

Bachelor of Science in Home Economics

Thirty-one candidates

Janelle Martha Andrews, Columbus
Jean Elizabeth Cores, Columbus
Patricia Parham De Bruin, Amanda
Janet Winters Duda, Columbus
Joyce Camilla Erb, Whipple
Jane Ann Gafke, Logan
Miriam Grumet, Steubenville
Lucinda Kay Hardesty, Wapakoneta
Cindy Kay Holland, West Jefferson
Kim Marjorie Johnson, Yellow Springs
Margaret Ann Johnson, Columbus
Valerie Ann Kiffin, Pembroke Pines
Martina Carmen Kosnik, Cleveland
Mary Elizabeth Krippel, Maple Heights
Katherine R. Leffler, Columbus
Mary Ann Malone, Columbus
Jeffrey R. Miskimins, Coshocton
Gayle Elaine Mowery, Columbus
Debra Masters Peter, Dalton
Jennifer Elaine Peters, Troy
Karen Sue Rager, Amanda
Karen Marie Reed, Solon
Diane Marie Renner, Cuyahoga Falls
Loretta Jean Rush, Rittman
Gale Ann Schenke, Columbus
Karen Katherine Scodova, Mansfield
Kathy Lynn Simpson, Cuyahoga Falls
Martha L. Spangler, Columbus
Carol Ann Tedesco, Cincinnati
Trevor Diane Thomas, Toledo
Kimberlee Ann Wippel, Cincinnati

Bachelor of Science in Nutrition

One candidate

Joseph A. Paolantonio, Columbus

Bachelor of Science in Restaurant Management

Two candidates

David J. Barrish, South Euclid
Lee Ann Bollinger, Greenwood, Ind.

School of Natural Resources

Bachelor of Science in Natural Resources

Thirty-three candidates

Gene Paul Barickman, Belpre
Charles Terrance Barrett, St. Henry
Jeffrey L. Beck, Barborton
William N. Blechechmid, Solon
Thomas Lee Coakley, Raymond
Stephen John Davis, Bellefontaine
Ray Alan DeWandel, Fairborn
Peter William Dffenbacher, North Olmsted
James Frederick Fracker, New Concord
Jeffrey Alan Frank, Chesterland
Bradley Scott Foster, Thornville
Matthew Shawn Gallagher, Sandusky
Gary Allen Gecci, Columbus
Mark Henry Gillespie, Genoa
Patrick Howard Gorman, Mentor
Sheryl Kay Hill, Columbus
Jeffrey Lee Hum, Canfield
Stanley Mitchell Jones, East Palestine
Stephen Michael Keller, Maineville
Herbert Heinrich Laslo, Martins Ferry
Paul Michael Lorenzon, Bay Village
David Guy Mann, Parma
Molly Ann McClure, Cincinnati
Mark Joseph Monday, Findlay
Clifford Jay Morton, Gahanna
Fred John Peter, Kidron
Sheryl Jean Pilat, Parma
Karen Ann Rooney, Columbus
Richard George Roper, Bellville
Elizabeth Leigh Steele, Columbus
Daniel Charles Weiner, Kettering
Gary Lee Willison, Groveport
Alice Elizabeth Wuorinen, Columbus

Agricultural Technical Institute-Wooster

Associate in Applied Sciences

Seven candidates

John Canty Bogan, Belmont, N. Y.
Mark Brian Buckley, Wilmington
Gayle Ellen Cramer, Mansfield
Jane Eleanor Faulkner, Kenton
Jeffrey Allen Howard, Rootstown
Rosemary Catherine Redmond, Belpre
Sheree Lin Simon, Callender, Ont., Canada

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

Five candidates

Susan Elizabeth Doerr, Cincinnati
B.S. (Xavier University)

William L. Eick, Coshocton
B.S. (Muskingum College)

Paul Joseph Essman, Wellston
B.S. (University of Notre Dame)

Michael Norman Gabor, Mansfield
B.A. (University of Notre Dame)

Robert Michael Lehnhoff, Cincinnati
B.S. (Xavier University)

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

Eighty-four candidates

Daniel Lee Armitage, Worthington
Howard Raymond Baum, Bainbridge
Karen Sue Beaver, Clearwater, Fla.
Donald Dennis Bender, Columbus
James Brian Brennan, Columbus
William Perry Bye, Westerville
Gaeleen Neary Chamness, Wapakoneta
Marilyn West Collins, Columbus
Laura Denise Commodore, Columbus
Julie Ann Craig, Toledo
William John Crapser, Groveport
Peggy Lynn Croy, Columbus
Peggy Ann Davis, Dunkirk
Darcy Louise Devers, Richwood
Janet Kay Galswinkler, Columbus
Nancy Grandstaff Grish, Columbus
Edith Kay Gilbert, Delaware
B.A.

Debra Kay Goddard, Plain City
Kathryn Leslie Gordon, Middletown
Robert Paul Gray, Killbuck
Wanda Marie Hadley, Dayton
Anita Marie Hanawalt, Norton
Alan Frederick Heath, Columbus
Kenyon R. Hill, Dublin
Terry Lee Hobbs, Galion
Beverly Jean Honigford, Delphos
Mary Gardner Hoskins, Canal Winchester
Judy Harruff Huffman, Marion
John Bradford Hughes, Columbus
Melinda Lee Huston, Clyde
Alan Scott Jackson, Kettering
Marcia Ann Jackson, Bryan
David John Jenkinson, Greenville
Michael Kim Johnson, Columbus
Caryl Anne Johnston, Columbus
Jack Edward Jones, Middletown
Stephanie Kaskel, Delphos
Danny Eugene Kavanagh, Columbus
Jerry Lee Kerr, Bellefontaine
Laura Jean Koch, Akron
Cheryl Lynn Kraynak, Columbus
Janet Kay Krebs, Grove City
Deborah Jeanne Kunst, Westerville
Malinda Lee, Hilliard
Linda Sue Loveday, Defiance
Becky Jo Manichl, Lorain
James Thomas Mann, II, Columbus
Douglas Stanley Martin, Grove City
Jeffrey Lee Martin, Loudonville
Gary Brian Mayton, Hudson
Thomas Robert McCollough, Columbus
Lee Ann Meyer, Napoleon
Russell James Milheim, Warren
Toni Dee Miller, Mansfield
Robert Douglas Montgomery, Columbus
Terry Delane Mossbarger, Columbus
La Vona P. Neiderl, Lima
Eileen Marie Norton, Carey
Rosemary Chiazza Nungester, Lima
Joseph John Parrish, Canton
Fusun Pasinler, Columbus
Thomas James Philleo, Columbus
Georgia Maurer Peet, Westerville
Joni Kuhn Prenosil, Streetsboro
Howard Michael Price, Youngstown
William Arthur Ray, Sugar Creek
Mary Suzanne Retterer, Columbus
Pamela Kay Rice, Coshocton
Jan Marie Rower, Lima
Sheila Edwards Scurry, London
Cheryl Lynn Slate, University Heights
Kevin Gerard Smith, Columbus
Kristeen Rene Spratley, Dublin
Patrick Edwin Sullivan, Sterling
Maureen Agnes Sweeney, Westlake
Susan Marie Swies, Gahanna
John Robert Thomas, Westerville

William Philip Thomas, North Olmsted
Timothy Joseph Tye, Dayton
Curtis Wayne Tyler, Canal Winchester
Denise Hofer Wannemacher, Findlay
Barbara Ann Weeks, Columbus
Charles Alan Wheatley, Minerva
Bernadine Michelle Woodward, Dayton

**Bachelor of Art Education and
Bachelor of Music Education
degrees are offered jointly by the
College of the Arts and the
College of Education**
Candidates are listed on page 127

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Four candidates

Michael Stewart Bond, Upper Sandusky
Arthur Alan Duke, III, Massillon
Perry Oscar Shellabarger, Lima
Clayton Jonathan Vind, Findlay

Bachelor of Science in Ceramic Engineering

One candidate

Steven Michael Anderson, Pomeroy

Bachelor of Science in Chemical Engineering

Nine candidates

John August Albers, Jr., Worthington
Dale William Folsom, Mt. Sterling
Kurt Robert Hanushek,
Cherokee Village, Ark.
Janet Lyons Inkrott, Ironton
Chinkoo Michael Kim, Seoul, Korea
Gerald Edward Markley, Chagrin Falls
Ronald Ethan Perez, Oconomowoc, Wis.
Jack Alan Sigan, Worthington
John Michael Weeman, Orrville

Bachelor of Science in Civil Engineering

Three candidates

Fred Jerome Beery, Hillsboro
Philip Richard Gaul, Pomeroy
Aldo Allen Steele, Gallipolis

Bachelor of Science in Computer and Information Science

Eight candidates

David Louis Braun, Columbus
William Anthony Brocker, Canfield
David Lee Hall, Reynoldsburg
Robin Neal Keister, Jeromesville
David A. O'Connell, Greensburg, Pa.

Tony Lee Rogers, Newark
Jeffrey Carlton Sagar, Columbus
Mitchell Szwed, Grosse Point, Mich.

Bachelor of Science in Electrical Engineering

Thirteen candidates

Eric Conrad Abrahamsen,
Johnson City, Tenn.
B.A.

Alvin John Berger, Mansfield
James Francis Clark, Beruyn, Pa.
Laurance Anthony Datesh, Warren
Dominic Joseph DeCarlo, Valley View
John Paul Jones, Franklin
Wasyl Kowalenko, Cleveland
Richard Keith Kunzer, Youngstown
Dean Michael McClurg, Dayton
Gerald Eric Miller, Lorain
Timothy William Newcome, Kettering
Omar Enrique Pinto, Venezuela
Bruce Martin Pol, Atwater

Bachelor of Science in Industrial and Systems Engineering

Four candidates

Joseph Richard Black, Jr., Columbus
Chimeziem Igochukwu Chukuigwe,
Port Harcourt, Nigeria
Deborah Owens Fink, Akron
Bradley Wayne Wenrick, Medway

Bachelor of Science in Mechanical Engineering

Fifteen candidates

Kenneth Walter Berchak, Avon Lake
Robert Wayne Cedoz, Port Clinton
Sandra Cree Easley, Pensacola, Fla.
Joseph Jay Fletcher, St. Paris
Ricardo J. Gomez, Willowick
Mark Stock Hall, Canfield
Gholam Reza Hosseini, Iran
Behzad Khosravi-Sichani,
Kalamazoo, Mich.
William Fritz Kiefer, Columbus
William Robert Rice, New Philadelphia
Paul Allen Riggie, Columbus
Thomas Charles Ryba, Lower Burrell, Pa.
Michael Eugene Skelton, Dayton
John Mark Starkey, Dublin
James Walker Wilson, Fairborn

Bachelor of Science in Metallurgical Engineering

Three candidates

Omar Jose Bravo Corcoea,
Judibana-Falcon, Venezuela
Ajibola Olutoyin Ibidunni,
Surulere, Nigeria
Michael David Jaffee, Columbus

Bachelor of Science in Surveying

One candidate

Philip Richard Gaul, Pomeroy

Bachelor of Science in Welding Engineering

Four candidates

Shane Joseph Findlan, Northfield
Thomas J. Ganley, Dayton
Martin Ralph Leiske, Greendale, Wis.
Seabury Bassett Waring, Trenton, R. I.

School of Architecture

Bachelor of Science in Architecture

Six candidates

Gary Donald Claar, Marysville
Francis Walter Domurat, Waltham, Mass.
Mary Elizabeth Gins, Columbus
John William Roberson, Woodbridge, Va.
Samuel Adam Taylor, Pittsburgh, Pa.
Davida Iris Yudin, Rockville Center, N. Y.

Bachelor of Science in Landscape Architecture

Five candidates

Ned Starback Bosworth, Akron
Donald Allen Hausfeld, Columbus
Michael Stephen Hiatt, Columbus
Randy Alan Lloyd, Diamond Point, N. Y.
Rex Allen Robinson, Columbus

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Twelve candidates

Peter Brumbaugh Baker, III, Westerville
B.A. (Otterbein College)

Jeffrey Allen Briggs, Niles
B.S.

Boni Elizabeth Elewski, Akron
B.A. (Miami University)

Fred Felton, Jr., Pittsбург, Pa.
B.S. (Central State University)

Thomas R. Freytag, Minster
B.S. (Xavier University)

David Paul Keseg, Columbus
D.S.

William Rembert Kohorst, Cincinnati
A.B. (St. Louis University)

Marla Dawn Lake, Mentor
B.A. (College of Wooster)

Jack Lamar Mathews, Oak Hill
B.S.

1 Also Bachelor of Science in Surveying, College of Engineering
2 Also Bachelor of Science in Civil Engineering, College of Engineering

Stanley Stephen Paras, Youngstown
B.A.

Gary Richard Schwartz, Akron
B.A. (Case Western Reserve University)

Paul Curtis Smith, Wilmington
B.A. (Defiance College)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Forty-two candidates

Merilee Ann Biehle, Maineville
Connie Marie Blasch, Cincinnati
Joan Samuels Bohlman, Niles
James Randall Brubaker, Napoleon
Thomas Lee Buening, Coldwater
Steven Craig Burton, Reynoldsburg
Christina M. Clark, Miamisburg
Andrea Clifford, Columbus
Gregory Alan Collins, Chillicothe
Clare Marie Curtin, Chagrin Falls
B.A. (Barat College)
Julie Anne Erwin, Cuyahoga Falls
Janet Lee Fagert, Cuyahoga Falls
Connie Jean Foust, Dayton
Nancy Lee Garrison, Dayton
Brooke Marie Greiner, Delaware
Joann Hausser, Columbus
B.S. (State University of New York
College at Oneonta)
Deborah Jean Hughes, Columbus
Kay Ellen Koch, Newark
Tami Sue Shepherd Krivit, Columbus
Terri Ann Mandeleit, Sarasota, Fla.
Linda Kay Martin, Cincinnati
Karen Ann Melchior, Parma
JoElla McLearn Michael, New Madison
Barbara Sue Morris, Zanesville
Cynthia Lee Myres, Grove City
Ann Margaret Nauman, Kettering
James William Noga, Cleveland
Ellen Sue Parker, Columbus
Karen Ann Perez, Atlanta, Ga.
Robert Michael Reed, Columbus
Margo Marie Ridenour, Dayton
Jane Ann Roof, Canton
Debra Jo Ruggieri, Warren
Barbara Lynn Schmuck, East Canton
Jerry Joseph Sheehan, New Paris
Benita Jo Shiffers, Cincinnati
Nancy Ellen Thompson, Murrysburg, Pa.
Anne Wanamaker, Fairfax, Va.
Sara Kerr Wetherholt, Upper Arlington
Carol Ann Wiedeman, Sandusky
Jeanne Saunier Winger, Marion
Marjorie Ann Winters, Columbus

Certificate of Nurse Anesthetist

Four candidates

Karen Vaughters Bays, Friendship
R.N. (Mt. Carmel School of Nursing)
Dan Douglas Reuter, Waverly
A.A.S. Nursing (Ohio University)
Eric Lloyd Simmons, Kettering
A.S. Nursing (Kettering College of
Medical Arts)
Charles Nelson Smith, Dayton
A.A.S. Nursing (Clark Technical
College)

School of Nursing

Bachelor of Science in Nursing

Seventeen candidates

Maralyn Joy Bevilaqua, Columbus
(RN) (King Edwards VII Hospital,
England)
Diane Eleftherakis Derocher,
Lexington, Mass.
(RN) (Newton-Wellesley Hospital)
Terry Leota Edwards, Grove City
John Henry Gerken, Convoy
Deborah Lynn Gordon, Wooster
Melissa Lee Greiner, Bethesda, Md.
Nancy Ann Huber, Canton
Jeffrey Paul Lohrer, Springfield
Diane Marie Marlinis, Tiffin
Deborah Sue Martz, Atwater
Kathryn Ann Meholick, Johnstown
Mary Elizabeth Rich, Youngstown
Kathleen Mary Scrivens, Medina
Vicki Lynn Sheridan, Lorain
Steven Ray Sunderland, Spencerville
Ruth Ann Syljebeck, Columbus
Joan Fuzajon Wabschall, North Canton

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

One candidate

Terence Grail Templeton, Vermilion

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Two candidates

George Bachus Perdue, III, Columbus
Debra E. Trewiler Shaw, Coshocton

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Four candidates

Sandra S. Bonham, Ottawa
Shelley Kauffer, Columbus
Janis Lynn Paige, Fort Lee, N. J.
David Earl Wenger II, Lorain

Graduates with Honors

Summa Cum Laude

John Baar, Reed City, Mich.
Christine M. Clark, Miamisburg
Diane Eleftherakis Derocher,
Lexington, Mass.
Jan Elsley, Grove City
Mary Gardner Hoskins, Canal Winchester
Jerry Lee Kerr, Bellefontaine
Linda Lopez, Huron
Eileen Marie Norton, Carey
Susan Catherine Ohmer, Cincinnati
John Slagle, Gallon

Summa cum laude with distinction in
Animal Science

Betty Jo Moravick, St. Clairsville

Summa cum laude with distinction in
Resource Development

David Guy Mann, Parma

Summa cum laude with distinction in the
Liberal Arts

Beth Florence Wigen, Columbus

Cum Laude

Maralyn Joy Bevilaqua, Columbus
Janet Marie Blechschmidt, Ashland
Bonnie Sue Blumenthal, Miami, Fla.
David Louis Braun, Columbus
Jan Christman, Deshler
Karen Ann Culler, Mansfield
Richard Harris Drucker, Beachwood
Bonni Elizabeth Elewski, Akron
Janet Lee Fagert, Cuyahoga Falls
Mary Elizabeth Gins, Columbus
Nancy Grandstaff Garish, Columbus
Linda Sue Hattery, Middletown
Richard Hill, Parma
Beverly Jean Honeyford, Delphos
John Paul Jones, Franklin
Nancy Shett Kersell, Columbus
Charles Krallman, New Albany
Linda Sue Lovejoy, Defiance
Susan M. Lucarelli, Columbus
Debra Mahoney, Columbus
David Wayne Meredith, Columbus
Richard Olin Michael, New Madison
Mark Joseph Monday, Findlay
Burke Wade Perry, Kettering
Valerie Ann Petrushka, Fort Worth, Tex.
Joni Kuhn Prenosil, Streetsboro
Jane Ann Roof, Canton
Gale Ann Schenke, Columbus
Anne Slaby, Parma
John Mark Starbey, Dublin
Mitchell Szwed, Grosse Point, Mich.
Sharon Dee Turner, Columbus
Denise Hofer Wannemacher, Findlay
Marcia Ahrens White, Mt. Vernon
Lora Roseann Wise, Columbus
Joel Leon Zurich, Columbus

Cum laude with distinction in
Animal Science

Paul Wilson Buck, Columbus

Cum laude with distinction in English

Diana L. Evenson, Columbus

Cum laude with distinction in Journalism
with honors in the Liberal Arts

Leigh Hermance, Columbus

With distinction in Anthropology

Robert Mark Randal Waterworth, Dayton

With honors in the Liberal Arts

Mary Beth Hutchison, Chesterland

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTIETH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 8, 1978

The Board of Trustees met at its regular monthly meeting on Friday, September 8, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Vice Chairman, John L. Gushman, Warren J. Smith, John D. Jacob, D. James Hilliker, and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

September 8, 1978 meeting, Board of Trustees

The Acting Chairman, Mrs. Patricia D. James, called the meeting of the Board of Trustees to order at 11:45 a.m. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

Present: Mrs. Patricia D. James, Acting Chairman, John L. Gushman, Warren J. Smith, John D. Jacob and D. James Hilliker.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-20

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Smith, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Floyd J. Ruble

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 12, 1978 of Floyd J. Ruble, Assistant Professor Emeritus, Department of Agricultural Education.

Mr. Ruble was born September 16, 1899 in Highland County, Ohio. He graduated from the Hillsboro High School and attended Miami University for two years. During the next two years he was a teacher in the Buford, Ohio, School and served also as a principal the second year.

In 1924, Mr. Ruble received his Bachelor of Science in Agriculture degree with a major in agricultural education at The Ohio State University. He was a recipient of the Master's degree in 1930, also at Ohio State.

Mr. Ruble began his service in vocational agriculture as a teacher in the Carey, Ohio, School in 1924 and continued in such work in the Grove City High School in 1925. In this assignment he was also a cooperating teacher with the Department of Agricultural Education to direct the work of student teachers. He served in this capacity as a non-resident faculty member until 1941. For the next two years he had a special responsibility with the State of Ohio Department of Education in Food Production War Training.

September 8, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Floyd J. Ruble (contd)

From 1944 until his retirement in 1968, Mr. Ruble was an Assistant State Supervisor of Vocational Agriculture and associated with the Department of Agricultural Education as an Assistant Professor. His primary responsibility was supervising teachers in eastern Ohio. Mr. Ruble was highly respected by teachers and colleagues. He was thorough, practical and fair. He was a national leader in the development of special programs for young farmers and exerted considerable leadership in furthering the efforts of junior fairs in Ohio.

Mr. Ruble was a member of the American Vocational Association, the Ohio Vocational Association, the Ohio Vocational Agricultural Teachers Association, Alpha Zeta, Gamma Sigma Delta, the Grange and Masonic Lodge. He was a very active participant in his church as a teacher and chairman of the board.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family.

Grant L. Stahly

The Board of Trustees of The Ohio State University expresses its great sorrow upon the untimely death July 27, 1978 of Grant L. Stahly, Professor Emeritus in the Department of Microbiology.

Professor Stahly devoted 31 years to the teaching and research of microbiology at The Ohio State University until his retirement in 1966. During the years 1957-63 he served as Assistant Dean in the College of Arts and Sciences. He received his Bachelor of Science degree from the University of Nebraska in 1923, the Master of Science degree from the University of Michigan in 1925, and the Ph.D. degree from Iowa State University in 1935. He was a member of the Sigma Xi honorary society, and several scientific societies including the American Society for Microbiology in which he held office as Director of Local Branches and Chairman, Division of Agricultural and Industrial Bacteriology. He was awarded a Fulbright Fellowship for teaching and spent the academic year 1952-53 in Egypt.

Professor Stahly in addition to teaching a general microbiology course to undergraduate students also advised many graduate students. He played a prominent role in research including microbiological assay of vitamins, chemical structure of bacterial polysaccharides, mutational effects of radioisotopes and associated problems, production of radioactive antigens for use as tracers, and utilization of purified synthetic hydrocarbons by bacteria. After retiring, he taught three years at Malone College where he also served as chairman of the board of trustees and was honored at convocation on January 8, 1973 and presented the Distinguished Service Award.

September 8, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Grant L. Stahly (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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**MODIFICATION IN THE DESIGNATION OF "THE HELEN C. KURTZ CHAIR
IN RADIOLOGY" TO "THE HELEN C. KURTZ CHAIR IN NEUROLOGY"**

Resolution No. 79-21

Synopsis: Modification in the designation of "The Helen C. Kurtz Chair in Radiology" to "The Helen C. Kurtz Chair in Neurology" is proposed.

WHEREAS "The Helen C. Kurtz Chair in Radiology" was established September 6, 1974; and

WHEREAS after careful thought and discussion with the donors, it was decided that the chair be designated "The Helen C. Kurtz Chair in Neurology"; and

WHEREAS support for "The Helen C. Kurtz Chair in Neurology" shall be for teaching in neurology, the enhancement of research in neurology and for development of clinical learning experiences in neurology, but is not necessarily limited to these three areas of neurology; and

WHEREAS "The Helen C. Kurtz Chair in Neurology" will be funded from gifts made by Ralph W. and Helen C. Kurtz of Tampa, Florida:

NOW THEREFORE

BE IT RESOLVED, That "The Helen C. Kurtz Chair in Radiology" be designated "The Helen C. Kurtz Chair in Neurology" and that the conditions for funding be in accordance with the wishes of the donor.

Upon motion of Mr. Smith, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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September 8, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF THE BLISS M. AND MILDRED A. WIAINT DESIGNATED
PROFESSORSHIP IN CHINESE LITERATURE AND CULTURE**

Resolution No. 79-22

Synopsis: A designated professorship is being proposed.

WHEREAS this Board of Trustees has by prior action established guidelines for the establishment of designated professorships at The Ohio State University; and

WHEREAS Bliss M. Wiant has devised by his last Will his interest and Mildred A. Wiant will, by lifetime gift, give to the University their extensive Chinese Collection for the purpose of establishing a designated professorship; and

WHEREAS the occupant of this designated professorship will hold an appointment in one of the major disciplines in the College of Humanities or the College of the Arts and the duties will be to teach and promote growth and development of Chinese studies at The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That "The Bliss M. and Mildred A. Wiant Designated Professorship in Chinese Literature and Culture" be established in accordance with the terms of the donors wishes.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDING

Resolution No. 79-23

Synopsis: Naming of Newark Campus-Phase III is proposed.

WHEREAS pursuant to the authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's staff, that Newark Campus-Phase III be named Adena Hall:

NOW THEREFORE

September 8, 1978 meeting, Board of Trustees

NAMING OF BUILDING (contd)

BE IT RESOLVED, That the above described building be named in accordance with the President's recommendation.

Upon motion of Dr. Jacob, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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CAPITAL IMPROVEMENT REQUEST FOR 1979-1985

(Amendment to Board Resolution No. 78-132)

Resolution No. 79-24

Synopsis: The Capital Budget Request for 1979-85, approved by the Board on June 8, 1978, is presented for amendment.

WHEREAS the radiation therapy facilities of University Hospitals require major improvements to meet existing patient care needs; and

WHEREAS the University's roles as a major tertiary treatment center for Ohio, and as a Comprehensive Cancer Center of the National Cancer Institute must be supported by radiation therapy facilities of high quality:

NOW THEREFORE

BE IT RESOLVED, That the University's Capital Budget Request for 1979-85 be amended to include a request to improve and expand the radiation therapy facilities in University Hospital.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 79-25

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the July 21, 1978 meeting of the Board, including the following Appointments,

September 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles as detailed in the University Budget for 1978-79 be approved.

Appointments

Name: FRANK W. HALE, JR.
Title: Vice Provost for Minority Affairs
Office: Academic Affairs
Effective: October 1, 1978
Salary: \$40,920.00
Present Positions: Associate Dean, Graduate School and Professor, Department of Communications

Name: RONALD A. WRIGHT
Titles: Associate Dean, College of Veterinary Medicine and Professor, Department of Veterinary Clinical Sciences
Effective: October 1, 1978
Salary: \$38,040.00
Present Positions: Director, Project Development Assistance Division, The Ohio State University Research Foundation and Assistant Professor, Department of Veterinary Clinical Sciences

Name: LEE J. WHITE
Titles: Professor and Acting Chairman
Department: Computer and Information Science
Effective: September 1, 1978
Salary: \$32,868.00
Present Position: Associate Professor, Departments of Computer and Information Science and Electrical Engineering

Leaves of Absence Without Salary

CHARLES WILLIAM KERN, Professor, Department of Chemistry, effective October 1, 1978 through September 30, 1979, for an appointment as program officer in quantum chemistry with National Science Foundation.

GWENDOLYN C. GILBERT, Associate Professor, School of Social Work, effective October 1, 1978 through September 30, 1979, to serve as Director for the Center for Change and Leadership at the Columbus Urban League.

MARTHA C. MAAS, Associate Professor, School of Music, effective October 1, 1978 through September 30, 1979, to complete manuscript for book on the role of stringed instruments on musical life of ancient Greece.

BOSTWICK F. WYMAN, Associate Professor, Department of Mathematics, effective October 1, 1978 through September 30, 1979, to spend a year as a visiting associate professor of electrical engineering at the University of Notre Dame.

September 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

DAVID R. DI MARTINO, Assistant Professor, Department of Geography (Marion Campus), effective October 1, 1978 through September 30, 1979, to accept a one-year appointment with the Center for Applied Urban Research at the University of Nebraska.

ROBERT JAY DONIA, Assistant Professor, Department of History (Lima Campus), effective October 1, 1978 through December 31, 1978, to participate in a research grant from the American Council of Learning Societies.

KEITH R. EBERHARDT, Assistant Professor, Department of Statistics, effective October 1, 1978 through September 30, 1979, to work as a postdoctoral research associate at the National Bureau of Standards, Gaithersburg, Maryland.

DUN-MOW HONG, Assistant Professor, Department of Economics (Lima Campus), effective October 1, 1978 through December 31, 1978, for personal reasons.

GEORGE E. MASON, Assistant Professor, Department of Civil Engineering, effective July 1, 1978 through September 30, 1979, to conduct research, serve as consultant and gain industrial experience with Guy F. Atkinson Company, San Francisco, California.

MARY C. MITCHELL, Assistant Professor, Department of Human Nutrition and Food Management, effective October 1, 1978 through December 31, 1978, to pursue a professional development program.

FRANCES S. NEWMAN, Assistant Professor, Department of Classics (Lima Campus), effective October 1, 1978 through September 30, 1979, to further her research on the study of Pindar at University of California, Berkeley, California.

PATRICIA ALLEN DAVIS, Instructor, Department of English, effective October 1, 1978 through September 30, 1979, for personal reasons.

CAROL W. KENNEDY, Instructor, School of Nursing, effective July 1, 1978 through September 30, 1978, to pursue a professional improvement program.

PENELOPE A. REIGHART, Instructor, Department of Home Economics Education, effective September 1, 1978 through June 30, 1979, to pursue a professional development program.

NANCY ANN RUDD, Instructor, Department of Textiles and Clothing, effective October 1, 1978 through September 30, 1979, to fulfill the residency requirement of the Ph.D. program in curriculum and foundations, College of Education.

September 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

GARY C. SANGER, Instructor, Academic Faculty of Finance, effective October 1, 1978 through September 30, 1979, to complete his Ph.D. dissertation at Purdue University.

Professional Improvement Leaves

WILLIAM LYCAN, Professor, Department of Philosophy, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

K. AUSTIN KERR, Associate Professor, Department of History, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Emeritus Titles

EVAN KENNETH ALBAN, Department of Horticulture, with the title Professor Emeritus, effective October 1, 1978.

HERBERT L. COON, Academic Faculty of Science-Mathematics Education, with the title Professor Emeritus, effective September 1, 1978.

ALEXANDER FRAZIER, Academic Faculty of Early and Middle Childhood Education, with the title Professor Emeritus, effective September 1, 1978.

BUFORD E. GATEWOOD, Department of Aeronautical and Astronautical Engineering, with the title Professor Emeritus, effective September 1, 1978.

ERNEST E. GOOD, School of Natural Resources, with the title Professor Emeritus, effective October 1, 1978.

FRANCIS B. MC CORMICK, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective September 1, 1978.

ROBERT H. SCHOENE, Department of Medicine, with the title Professor Emeritus, effective July 1, 1978.

JOSEPH W. SPRETNAC, Department of Metallurgical Engineering, with the title Professor Emeritus (awarded posthumously), effective July 1, 1978.

LURA JANE STEWART, Academic Faculty of Humanities Education, with the title Associate Professor Emeritus, effective September 1, 1978.

ESCO SARKKINEN, School of Health, Physical Education and Recreation, with the title Assistant Professor Emeritus, effective July 1, 1978.

September 8, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

VIVIAN E. STEAHLY, Department of English (Lima Campus), with the title Assistant Professor Emeritus, effective July 1, 1978.

Upon motion of Mr. Gushman, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-26

Synopsis: The report on contracts, grants and gifts and the summary for July is presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of July, 1978, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

President Enarson called on Dr. Kenneth Sloan, Executive Director of The Ohio State University Research Foundation, to comment on the annual summary for that organization.

Dr. Sloan then presented an accrual summary of the Research Foundation activities for the past year. He noted that approximately \$48 million was received for the fiscal year 1977-78 for sponsored research and programs at The Ohio State University. A comparison with the previous year shows that this figure represents an increase of about \$19.5 million. This comparison must be made with some care since there was a transfer of responsibility for the administration of certain grants and programs from the Office of Business and Administration to the Research Foundation. Dr. Sloan reviewed some of the larger grants which have been received over the past year that have contributed to the upward trend of the sponsored programs and/or research.

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR JULY 1978

Source	No. of Projects	Support Level
Office of Business and Administration	16	\$1,715,578.11
The Ohio State University Research Foundation	74	4,991,404.00
Engineering Experiment Station	5	211,872.00
		\$6,918,854.11
The Ohio State University Development Fund	1,542 Donors	\$1,101,958.65
Establishment of Named Funds		
George R. Havens Memorial Awards (Department of Romance Languages)		\$10,000.00
The Karl P. Klassen Lecture and Research Fund (Department of Surgery)		5,679.00
The Joseph W. Spretnak Memorial Scholarship Fund (Department of Metallurgical Engineering)		5,000.00
The College of Medicine Alumni Society Fund (College of Medicine)		1,500.00

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1977 - June 30, 1978)

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsor	No. of Projects	1976-1977 Level of Support	No. of Projects	1977-1978 Level of Support	% Change from 1976-77
FEDERAL					
Student	20	\$13,474,906.00	23	\$ 8,325,862.00	(38)
Training	90	4,761,749.00	29	2,786,099.00	(41)
Construction	0	-0-	1	1,681,875.75	100
TOTAL - FEDERAL	110	\$18,236,655.00	53	\$12,793,836.75	(30)
STATE OF OHIO	50	\$ 4,165,635.59	27	\$ 1,500,504.96	(64)
INDUSTRIAL AND OTHER NON- FEDERAL	71	\$ 1,034,898.49	26	\$ 480,548.75	(54)
GRAND TOTAL	231	\$23,437,189.08	106	\$14,774,890.46	(37)

(Effective January 1, 1977 administrative responsibilities for sponsored programs was transferred to The Ohio State University Research Foundation.)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1977 - June 30, 1978)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
FEDERAL					
Department of Energy*	12	\$ 1,008,516.00	12	\$ 1,117,760.00	11
National Aeronautics and Space Administration	22	689,838.00	20	745,476.00	8
National Science Foundation	83	3,981,500.00	107	3,877,436.00	(3)
Department of Defense	102	4,382,431.00	75	3,979,157.00	(9)
Health, Education and Welfare	137	10,754,742.00	200	18,393,990.47	71
Other Federal	42	3,360,040.00	62	11,455,380.00	241
TOTAL - FEDERAL	398	\$24,177,067.00	476	\$39,569,199.47	64
STATE OF OHIO	23	\$ 680,517.00	47	\$ 1,481,604.20	118
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS	172	\$ 3,329,271.19	228	\$ 6,555,930.42	97
GRAND TOTAL	593	\$28,186,855.19	751	\$47,606,734.09	69

*Amount of support received from Department of Energy in Fiscal Year 1977-78 is compared with amount of support received from Energy Research and Development Administration in Fiscal Year 1976-77.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1977 - June 30, 1978)

ENGINEERING EXPERIMENT STATION

Sponsor	1976-1977		1977-1978		% Change from 1976-77
	No. of Projects	Level of Support	No. of Projects	Level of Support	
FEDERAL	30	\$ 143,367.00	11	\$ 127,979.00	(11)
STATE OF OHIO	25	505,218.00	18	496,001.00	(2)
INDUSTRIAL AND OTHER NON- FEDERAL	365	810,318.00	441	884,539.00	9
GRAND TOTAL	420	\$1,458,903.00	470	\$1,508,519.00	3

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ANNUAL SUMMARY

(July 1, 1977 - June 30, 1978)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Sponsor	1976-1977		1977-1978		% Change from 1976-77
	No. of Donors	Level of Support	No. of Donors	Level of Support	
ANNUAL GIVING					
Direct Mail	7,804	\$ 145,833.76	4,751	\$ 110,323.74	(24)
Annals	13,221	283,053.07	12,493	337,009.06	19
Miscellaneous	16,233	393,833.04	27,812	680,951.11	73
Community Campaigns	2,673	35,863.00	1,712	22,323.75	(38)
Corporate Matching Gifts	179	71,699.25	171	95,238.18	33
TOTAL	40,110	\$ 930,282.12	46,939	\$ 1,245,845.84	34
MAJOR RESOURCES					
Deferred Gifts	49	\$1,426,906.14	40	\$ 2,322,854.52	63
Major Individuals	1,082	2,476,535.64	1,561	2,057,570.21	(17)
Corporate	1,072	2,137,452.69	1,822	3,290,490.55	54
Foundations	726	2,829,264.42	734	1,628,433.90	(42)
TOTAL	2,929	\$8,870,158.89	4,157	\$ 9,299,349.18	5
GRAND TOTAL	43,039	\$9,800,441.01	51,096	\$10,545,195.02	8

September 8, 1978 meeting, Board of Trustees

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Research Contracts/Grants

\$124,567.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland, for Health Professions Student Loans, College of Medicine, Student Financial Aids (R. J. Harrison), July 1, 1978 through June 30, 1979. (I. D. No. 5L390071-79, Former No. 1 7 45 0430 15 1)

\$97,344.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland, for Health Professions Student Loans, College of Dentistry, Student Financial Aids (R. J. Harrison), July 1, 1978 through June 30, 1979. (I. D. No. 5L390075-79, Former No. 2 7 45 0430 15 1)

\$45,526.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland--\$25,526.00 for Nursing Scholarships, July 1, 1978 through June 30, 1980; and \$20,000.00 for Nursing Student Loans, July 1, 1978 through June 30, 1979, School of Nursing, Student Financial Aids (R. J. Harrison). (I. D. No. 5L390029-79, Former No. B 7 45 0430 15 1)

\$12,500.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., for Instructional Equipment Grants Program (Closed Circuit Television Equipment), Teaching Aids Laboratory (W. E. Biemesderfer), June 28, 1978 through June 30, 1979. (Grant No. J007801755)

\$4,702.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Manpower Training Support, Bethesda, Maryland--\$2,545.00 for Nursing Student Loans, July 1, 1978 through June 30, 1979; and \$2,157.00 for Nursing Scholarships, July 1, 1978 through June 30, 1980, School of Nursing, Student Financial Aids (R. J. Harrison). (I.D. No. 5L390068-79, Former No. B 7 45 0430 15 1)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$284,639.00

State of Ohio Research Contracts/Grants

\$720,795.65 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Teacher Education and Instructional Supervision in Trade and Industrial Education, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

\$239,498.60 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Teacher Education and Instructional Supervision in Distributive Education, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$114,741.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Adjunct Instructor in Adult Basic Education, Academic Faculty of Vocational-Technical Education (A. J. Miller), September 1, 1978 through August 31, 1979.

\$112,010.74 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Instructional Supervision in Vocational Guidance, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

\$89,597.12 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Teacher Education and Instructional Supervision in Business Education, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

\$73,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Vocational Education Curriculum Materials, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

\$36,000.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, for Environmental Evaluation of a Nuclear Power Plant on Lake Erie, College of Biological Sciences, Center for Lake Erie Area Research (CLEAR) (C. E. Herdendorf), July 1, 1978 through June 30, 1979.

\$17,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Distributive Education Curriculum Development, Academic Faculty of Vocational-Technical Education (A. J. Miller), July 1, 1978 through June 30, 1979.

\$16,040.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, for Automatic Data Processing for Lake Erie Fisheries Information, College of Biological Sciences, Center for Lake Erie Area Research (CLEAR) (C. E. Herdendorf), July 1, 1978 through June 30, 1979.

\$11,050.00 - State of Ohio, Department of Education, Columbus, Ohio, for Workshops for College of Education Faculty, College of Education (D. P. Anderson), September 1, 1978 through December 31, 1978.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$1,429,733.11

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Industrial, Private, and Other Non-Federal Research Contract/Grant

\$1,206.00 - Canada Employment and Immigration Commission, Ottawa, Ontario, Canada, for Technical Assistance for Job Analysis Seminar, The National Center for Research in Vocational Education (R. E. Taylor), March 1, 1978 through March 31, 1978.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,373,445.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Cancer Center Support Grant, Cancer Research Center, Office of Health Sciences (D. S. Yohn), 1 July 1978 through 30 June 1979. (Project 763976 - Continuation)

\$552,038.00 - Environmental Protection Agency, Washington, D. C., The Clinical Pharmacology and Toxicology of Chlorine Dioxide and its Products: A Comparison of Tolerance and Safety in Animals and Human Volunteers, Department of Pharmacology (J. R. Bianchine and D. Couri), 14 July 1978 through 13 July 1979. (Project 761194 - New)

\$472,627.00 - Department of Health, Education and Welfare, Public Health Service, Bureau of Community Health Services, Rockville, Maryland, Nutritional Status of Functionally Retarded Children, Nisonger Center for Mental Retardation (B. A. Whittle), 1 July 1978 through 30 June 1979. (Project 711206 - Continuation)

\$206,964.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering (R. E. Fenton), 31 January 1978 through 15 May 1980. (Project 784712 - Continuation)

\$180,985.00 - Department of Health, Education and Welfare, Office of Human Development, Region V, Office of Rehabilitation Services, Chicago, Illinois, Traineeships in Rehabilitation Services, Department of Physical Medicine (E. W. Johnson), 1 July 1978 through 30 June 1979. (Project 711283 - Continuation)

\$98,108.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, General Aviation Low-Speed Airfoil Design and Development Service, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 1 June 1978 through 29 June 1979. (Project 784487 - Continuation)

\$94,300.00 - National Science Foundation, Washington, D. C., Wear and Friction of Metallic Materials, Department of Metallurgical Engineering (D. A. Rigney), 1 September 1978 through 31 August 1979. (Project 711352 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$94,121.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, Department of Medicine (H. G. Cramblett and J. M. George), 1 December 1977 through 30 November 1978. (Project 761196 - Continuation)

\$88,989.00 - Department of Health, Education and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, Rockville, Maryland, Pathomechanism of Temperature-Chemical Carcinogenesis, Department of Physiology (H. S. Weiss), 14 July 1978 through 14 July 1980. (Project 711164 - New)

\$88,217.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer, Department of Chemistry (P. A. Frey), 1 July 1978 through 30 June 1979. (Project 711267 - Continuation)

\$79,964.00 - National Endowment for the Humanities, Washington, D. C., The Letters of Nathaniel Hawthorne, Department of English (L. N. Smith), 1 July 1978 through 30 June 1980. (Project 711249 - New)

\$74,626.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Epidemiology Biostatistic Unit, Cancer Research Center, Office of Health Sciences and Department of Preventive Medicine (M. D. Keller) and Cancer Research Center, Office of Health Sciences (D. S. Yohn), 1 July 1978 through 30 June 1979. (Project 711310 - Continuation)

\$65,820.00 - Department of Labor, Washington, D. C., Maximizing CETA Goal Achievement Through Prime Sponsor Management Systems: A Supplement, Department of Political Science (R. Ripley), 1 March 1978 through 28 February 1979. (Project 784055 - Continuation)

\$62,824.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., A Study of Alternative Computer Architectures for System Reliability and Software Simplification, Department of Electrical Engineering (K. J. Breeding), 1 August 1978 through 31 October 1979. (Project 784778 - Continuation)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$60,461.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Amphetamine, Monoamines, and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1978 through 30 June 1979. (Project 711295 - New)

\$56,003.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Cardio-Respiratory-Renal Stress Reactions, Department of Psychiatry (S. A. Corson), 1 July 1978 through 30 June 1979. (Project 711292 - New)

\$53,688.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Graduate Training in Biochemical Neuropathology, Department of Medicine (J. N. Allen), 1 July 1978 through 30 June 1979. (Project 711219 - Continuation)

\$53,564.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Clinical Education Coordination, School of Allied Medical Professions (F. M. Pierson), 1 July 1978 through 30 June 1979. (Project 711284 - Continuation)

\$53,460.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Traineeships, Other Graduate Programs (Formula), School of Allied Medical Professions (G. O. Johnson), 1 July 1978 through 30 June 1979. (Project 711316 - New)

\$52,264.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Conduct Investigation of Clinical Pharmacology of Potential Anticancer Agents, College of Pharmacy (L. Malspeis) and Department of Medicine (J. A. Neidhart), 23 June 1978 through 22 December 1978. (Project 784210 - Continuation)

\$51,463.00 - Department of Health, Education and Welfare, Public Health Service, National Institute on Drug Abuse, Rockville, Maryland, Testing of Drug Delivery System for Use in the Treatment of Narcotic Addiction, College of Pharmacy (R. H. Reuning), 28 June 1978 through 27 June 1979. (Project 783715 - Continuation)

\$50,544.00 - National Science Foundation, Washington, D. C., Investigations into the Use of Higher Types, Set Theoretic Undefinability, and Intuitionistic Semantics, Department of Mathematics (H. M. Friedman), 1 July 1978 through 30 June 1981. (Project 711346 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$50,511.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Functional Characteristics of Pulmonary Vascular Smooth Muscle, Department of Physiology (H. P. Pieper), 1 July 1978 through 30 June 1979. (Project 711301 - New)

\$48,801.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Development of Precerebellar Nuclei, Department of Anatomy (J. S. King), 1 July 1978 through 30 June 1979. (Project 711302 - Continuation)

\$46,400.00 - National Science Foundation, Washington, D. C., Phase Transition in Solid Hydrogen Alloys and Other Disordered Systems, Department of Physics (J. R. Gaines), 1 July 1978 through 30 June 1979. (Project 711296 - New)

\$45,966.00 - National Science Foundation, Washington, D. C., Equipment - For Programs in Engineering Fracture Mechanics and the Mechanics of Low Temperature Fatigue, Department of Engineering Mechanics (T. G. Richard), 1 July 1978 through 31 December 1979. (Project 711341 - New)

\$45,361.00 - National Science Foundation, Washington, D. C., Wave Properties of Heterogeneous Materials, Department of Physics (R. L. Mills, J. Korringa, and D. G. Stroud), 15 July 1978 through 31 July 1979. (Project 711298 - Continuation)

\$45,200.00 - National Science Foundation, Washington, D. C., Carbenic Processes, Department of Chemistry (H. Shechter), 1 August 1978 through 31 July 1979. (Project 710700 - Continuation)

\$38,202.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, A New Method for Analysis of Coronary Artery Behavior, Department of Surgery (T. E. Williams and J. F. Cornhill), 1 July 1978 through 30 June 1979. (Project 711315 - New)

\$34,700.00 - National Science Foundation, Washington, D. C., Principles of Metal Erosion Resistance, Department of Metallurgical Engineering (P. G. Shewmon), 1 August 1978 through 31 July 1979. (Project 711349 - New)

\$31,700.00 - National Science Foundation, Washington, D. C., Equipment for Spectral Analysis Ultrasonic Pulses, Department of Engineering Mechanics (K. F. Graff), 15 July 1978 through 31 December 1979. (Project 711345 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,170.00 - National Science Foundation, Washington, D. C., Electron Microscopy of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 1 August 1978 through 31 July 1979. (Project 710698 - Continuation)

\$30,000.00 - National Science Foundation, Washington, D. C., Interactions of Chloroplast Membrane Proteins, Department of Biochemistry (E. L. Gross), 1 July 1978 through 30 June 1979. (Project 711297 - New)

\$29,651.00 - International Communication Agency, Office of Foreign Information Research Division, Washington, D. C., News of the United States in the Yugoslav Press, School of Journalism (L. B. Becker and P. S. Underwood), 1 July 1978 through 31 March 1979. (Project 711211 - New)

\$28,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies, Department of Physics (T. A. Romanowski), 1 February 1978 through 31 January 1979. (Project 710041 - Continuation)

\$27,795.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Research Training, Developmental Psychobiology, Department of Psychology (D. R. Meyer), 1 July 1978 through 30 June 1979. (Project 711250 - Continuation)

\$25,000.00 - National Science Foundation, Washington, D. C., Halogenation Reactions of Group IB Atoms Using Molecular Beams and Spectroscopic Detection, Department of Chemistry (J. M. Parson), 1 September 1978 through 31 August 1979. (Project 784526 - New)

\$25,000.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter), 1 August 1978 through 31 July 1979. (Project 784508 - Continuation)

\$25,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Problems of Statistical Inference with Special Applications, Department of Statistics (J. S. Rustagi), 1 July 1978 through 30 September 1979. (Project 711308 - New)

\$19,372.00 - National Science Foundation, Washington, D. C., Combinatorial Problems of Applied Discrete Mathematics, Department of Mathematics (D. K. Ray-Chaudhuri), 1 July 1978 through 30 June 1979. (Project 710627 - Continuation)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$17,960.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Medical Technology - Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski), 1 July 1978 through 30 June 1979. (Project 711323 - Continuation)

\$17,869.00 - National Science Foundation, Washington, D. C., Stochastic Processes (Theory and Application), Department of Mathematics (B. Pittel), 1 July 1978 through 30 June 1980. (Project 784731 - Continuation)

\$16,900.00 - National Science Foundation, Washington, D. C., Classification of Bright Giant Stars and Subgiant Stars of Types G, K and M, Department of Astronomy (P. C. Keenan and A. E. Slettebak), 1 September 1978 through 31 August 1979. (Project 711347 - New)

\$16,667.00 - National Science Foundation, Washington, D. C., Equipment: Purchase of a Two Channel Fast Fourier Transform Analyzer, Department of Mechanical Engineering (D. R. Houser), 1 July 1978 through 31 December 1979. (Project 711342 - New)

\$16,200.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunity and Chemical-Viral Carcinogenesis, Department of Veterinary Pathobiology (R. G. Olsen and M. J. Tarr), 1 July 1978 through 30 June 1979. (Project 711369 - New)

\$16,200.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pathogenesis of Canine Distemper Demyelinating Encephalitis, Department of Veterinary Pathobiology (A. Koestner), 1 August 1978 through 31 July 1979. (Project 711320 - New)

\$16,000.00 - National Aeronautics and Space Administration, Washington, D. C., Ninth Geodesy/Solid-Earth and Ocean Physics (GEOP) Research Conference, Department of Geodetic Science (I. I. Mueller), 1 January 1978 through 30 June 1979. (Project 711022 - New)

\$13,800.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, *In Vivo* Effects of Antimyelin Antibodies and Specific Enzymes in the Pathogenesis of Demyelination, Department of Veterinary Pathobiology (A. Koestner), 1 August 1978 through 31 July 1979. (Project 711321 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$12,450.00 - National Science Foundation, Washington, D. C., Flavonoid Studies of North American Species of the Genus *Coreopsis*, Department of Botany (D. J. Crawford), 30 June 1978 through 31 July 1979. (Project 710633 - Continuation)

\$11,000.00 - National Science Foundation, Washington, D. C., Representations by Integral Quadratic Forms, Department of Mathematics (J. S. Hsia), 1 July 1978 through 30 June 1979. (Project 710638 - Continuation)

\$8,721.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Numerical Approximation for Time-Dependent Nonlinear Partial Differential Equations, Department of Mathematics (R. Ewing), 1 July 1978 through 30 June 1980. (Project 711244 - New)

\$8,265.00 - National Science Foundation, Washington, D. C., Summability Methods for Sequences of Functions Arising in Diophantine Approximation and Ergodic Theory, Department of Mathematics (J. M. Rosenblatt), 1 July 1978 through 30 June 1979. (Project 711300 - New)

\$7,062.00 - National Science Foundation, Washington, D. C., Library-Type Markov Chains, Department of Statistics (P. R. Nelson), 1 July 1978 through 30 June 1979. (Project 711299 - New)

\$7,001.00 - National Science Foundation, Washington, D. C., Workshop on the Role of Fluid Mechanics in Atherogenesis, Department of Aeronautical and Astronautical Engineering (R. M. Nerem) and Department of Surgery (J. F. Cornhill), 1 July 1978 through 31 December 1978. (Project 711344 - New)

\$4,800.00 - National Science Foundation, Washington, D. C., Action of Estrogen and Testosterone in the Ovarian Follicular Atresia, Department of Veterinary Physiology and Pharmacology (S. Saiduddin), 1 July 1978 through 31 August 1979. (Project 710730 - Continuation)

\$4,417.00 - Department of Energy, Brookhaven National Laboratory, Associated Universities, Inc., Upton, Long Island, New York, Study of Repair Mechanisms in Carcinogenesis, Department of Radiology (R. W. Hart), 1 July 1978 through 31 August 1978. (Project 784250 - Continuation)

\$2,000.00 - National Endowment for the Humanities, Washington, D. C., As I Remember: A Radio Series on Virginia Woolf, Telecommunications Center, Office of Educational Services (E. Young), 1 January 1979 through 30 June 1979. (Project 711350 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$1,000.00 - Department of Agriculture, Forest Service, Wayne-Hoosier National Forest, Bedford, Indiana, Survey of Sand Darters in Symmes Creek and Pine Creek, Department of Zoology (R. F. Carline), 26 May 1978 through 1 September 1978. (Project 711236 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$4,790,616.00

State of Ohio Research Contracts/Grants

\$86,000.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Traffic Control Devices Training Films for Traffic Engineering Personnel, Center for Vocational Education (R. E. Taylor), 1 July 1978 through 30 September 1979. (Project 711289 - New)

\$12,416.00 - State of Ohio, Department of Health, Columbus, Ohio, Development of a Practical Data System for Statewide Surveillance of Perinatal Problems, Department of Preventive Medicine (W. J. Bashe, Jr.), 30 June 1978 through 30 September 1978. (Project 711216 - New)

\$6,442.00 - The Ohio Program in the Humanities, Columbus, Ohio, Community Discussion Series on World Affairs (III): Human Rights in Latin America, Center for International Studies, Office of Academic Affairs (J. S. Adams), 23 June 1978 through 30 June 1979. (Project 711338 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 104,858.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$15,000.00 - Ohio Lung Association, Columbus, Ohio, Basic Studies in Acute Respiratory Failure Following Severe Hemorrhage, Systemic Sepsis or Both, Department of Surgery (B. D. Lowery), 1 July 1978 through 30 June 1979. (Project 711314 - New)

\$14,970.00 - The Parker B. Francis Foundation, Hanover, New Hampshire, Post Doctoral Fellowship, Department of Physiology (A. L. Kunz), 1 July 1978 through 30 June 1979. (Project 784657 - Continuation)

\$11,764.00 - Wayne State University, Detroit, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 June 1978 through 31 August 1978. (Project 784446 - Continuation)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$10,000.00 - United States Trotting Association, Columbus, Ohio, Equine Viral Rhinopneumonitis: Reinfection, Immunity, and Pathogenesis, Department of Veterinary Clinical Sciences (P. W. Murdick), 1 April 1978 through 31 March 1979. (Project 783911 - Continuation)

\$8,436.00 - University of Dayton, Research Institute, Dayton, Ohio, Evaluation of Rheological Data, Department of Chemical Engineering (R. S. Brodkey and J. L. Zakin), 15 June 1978 through 1 January 1979. (Project 711218 - New)

\$6,770.00 - Ashland Chemical Company, Research and Development Division, Columbus, Ohio, Stereo Electron Micrographic Studies, Department of Geodetic Science (S. K. Ghosh), 1 July 1978 through 31 December 1978. (Project 784507 - Continuation)

\$6,120.00 - Black Horse Pike Regional School District, Blackwood, New Jersey, Comprehensive Study of the School Plant Needs for the Black Horse Pike Regional School District, New Jersey, Academic Faculty of Educational Administration (D. E. Gardner), 1 July 1978 through 30 September 1978. (Project 711294 - New)

\$6,100.00 - Rockwell International Science Center, Thousand Oaks, California, Elastic Wave Scattering by Flaws for Applications in NDR, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 20 March 1978 through 30 September 1978. (Project 711053 - Continuation)

\$6,000.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Association of Tumor Viruses with Chromosome, Department of Microbiology (D. H. Dean), 1 June 1978 through 31 May 1979. (Project 711317 - New)

\$5,720.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Suppressor Cell Function in Cancer, Department of Microbiology (R. M. Pfister), 1 July 1978 through 30 June 1979. (Project 711343 - New)

\$2,500.00 - Cornell University, Ithaca, New York, Research on Toxocariosis in Dogs, Department of Veterinary Pathobiology (R. P. Herd), 15 June 1978 through 14 September 1978. (Project 711201 - New)

\$1,550.00 - Greater Columbus Arts Council, Columbus, Ohio, Peter and the Wolf: A Dance Production for Television, Telecommunications Center, Office of Educational Services (E. Young), 17 May 1978 through 31 December 1978. (Project 711351 - New)

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$1,000.00 - Central Ohio Heart Chapter, Inc., Columbus, Ohio, A Conference on the Role of Fluid Mechanics in Atherogenesis, Department of Aeronautical and Astronautical Engineering (R. M. Nerem) and Department of Surgery (J. F. Cornhill), 1 August 1978 through 31 October 1978. (Project 711348 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS \$ 95,930.00

ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$87,067.00 - Public Utilities Commission of Ohio, Columbus, Ohio, for A Study to Analyze Selected Public Policy Issues Dealing with the Regulation of Electric Power and Natural Gas Utilities, Department of Mechanical Engineering, September 21, 1978 through June 30, 1979. (EES 508C, Ext. 3)

\$29,806.00 - Ohio Department of Transportation, Columbus, Ohio, for The Evaluation of Performance of Asphaltic Mixtures with Deleterious Fine Aggregates, Transplex Research Area, July 6, 1978 through July 5, 1979. (EES 584)

TOTAL - STATE OF OHIO SPONSORED RESEARCH \$ 116,873.00

Industrial and Other Sponsored Research

\$64,999.00 - Columbia Gas System Service Corporation, Columbus, Ohio, for Terrascan Modification and Testing, Department of Electrical Engineering, June 1, 1978 through May 31, 1979. (EES 582)

\$20,000.00 - Picker Corporation, Highland Heights, Ohio, for Development of a Germanium Gamma Ray Camera System for Nuclear Medicine, Nuclear Engineering Section, June 1, 1978 through July 31, 1978. (EES 534, Ext. 3)

\$10,000.00 - Rockwell International Corporation, Columbus, Ohio, for Developing Storage Reliability Prediction Models, Department of Industrial and Systems Engineering, July 1, 1978 through December 31, 1978. (EES 583)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 94,999.00

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$36,692.00 - Eli Lilly and Company, Indianapolis, Indiana: \$27,787.00 for the Cardiovascular Research-Leier, \$5,600.00 for Lilly Research-Ottolenghi and \$3,305.00 for Lilly-Sokoloski.

\$34,088.52 - Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$32,485.76 - Systems Associates, Columbus, Ohio: \$16,936.38 for the Department of Medicine General Fund, and \$15,549.38 for the Cardiology Support Fund.

\$28,000.00 - The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.

\$25,000.00 - Grand Aerie Fraternal Order of Eagles, Wilmington, Ohio, for the Cancer Research Center.

\$24,157.82 - Louise Orr Scott Foundation, Columbus, Ohio: \$18,118.37 in memory of William Craig Orr and Mary Black Orr for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$6,039.45 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$19,500.00 - Landmark, Columbus, Ohio, for the Landmark - OARDC Fund.

\$14,153.00 - The University Obstetricians & Gynecologists, Columbus, Ohio (given in the names of Boutselis, Copeland, Essig, Kim, Teteris, Villalon, Williams, Zuspan, Rigsby and Schweizer), for the EPR-OBS Fund.

\$12,731.22 - Richard H. Keates, M.D., Inc., Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for the Eye Bank Fund.

\$12,460.00 - The Procter & Gamble Company, Cincinnati, Ohio: \$6,960.00 for the Procter & Gamble Fellowship Fund in Chemical Engineering and \$5,500.00 for the Procter & Gamble Company Fellowship in Chemistry.

\$11,750.00 - Owens-Corning Fiberglas Corporation, Toledo, Ohio: \$6,250.00 for the Owens-Corning Fiberglas Engineering Scholarship Fund and \$5,500.00 for the Student Athlete Grant-in-Aid Fund.

\$11,018.25 - Mr. and Mrs. Horatio Ebert, Medina, Ohio, for the Cancer Research Fund.

\$10,900.00 - Trust under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$10,562.50 - Joseph S. Heyman, Toledo, Ohio, for the College of Law Advancement Fund.

\$10,380.63 - Frederick H. Davidorf, M.D., Inc., Columbus, Ohio (given in the name of Frederick H. Davidorf): \$6,852.42 for the Retina Research Fund, \$2,228.21 for the Ophthalmology Photography Fund and \$1,300.00 for the Ophthalmology Art Work Fund.

\$10,000.00 - Daniel W. Bower, Atlanta, Georgia, for the Sphinx 75th Anniversary Gift Fund.

\$10,000.00 - Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York (given in the name of M. Riklis), for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Merrell-National Laboratories, Cincinnati, Ohio, for Parkinson's Disease Research - Bianchine.

\$10,000.00 - Michael's Finer Meats, Columbus, Ohio (given in the name of Michael Bloch), for the Student Athlete Grant-in-Aid Fund.

\$10,000.00 - John Peter Minton, M.D., Columbus, Ohio, for the Cancer Research Fund - Dr. Minton.

\$10,000.00 - Dr. Judith W. Noltimier, Columbus, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$10,000.00 - Select Sires, Inc., Plain City, Ohio (given in the name of Richard H. L. Chichester), for Reproductive Physiology.

\$10,000.00 - Carl E. Speicher, Worthington, Ohio, for the Department of Pathology Educational and Research Discretionary Fund.

\$9,507.94 - Mr. and Mrs. Ralph W. Kurtz, Tampa, Florida: \$4,753.97 for the Helen C. Kurtz Chair in Radiology and \$4,753.97 for the Ralph W. Kurtz Chair in Endocrinology.

\$8,440.00 - Beecham Laboratories, Bristol, Tennessee, for the Clinical Pharmacology Fund.

\$8,223.42 - Estate of Melville S. Saunders, Toronto, Ontario, Canada, for the William G. Pace III Fund.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$8,000.00 - George F. Lonz Foundation, Middle Bass, Ohio, for the George F. Lonz Foundation for Enology & Viticulture.

\$7,500.00 - B. F. Goodrich Chemical Company, Cleveland, Ohio, for the B. F. Goodrich Company Fund for Polymer Engineering Research Fund.

\$7,500.00 - The Southgate Development Corporation, Newark, Ohio (given in the name of Mr. and Mrs. John J. O'Neill), for the John J. and Elizabeth O'Neill Scholarship Fund.

\$6,500.00 - Melvin E. Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$6,341.66 - Mid-Ohio Automotive, Inc., Columbus, Ohio: \$2,120.83 (given in the name of Chester C. Winter), for the Urology Development Fund; \$2,120.83 (given in the name of Cary J. Winter), for the Urology Development Fund; and \$2,100.00 (given in the name of Eagle Specialty Products, Northridge, California), for the Louis Levy Professorship for Cancer Research.

\$6,164.88 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$6,100.00 - Russell G. Means, Jr., Columbus, Ohio, for the University Activities Center.

\$6,000.00 - Borden Foundation, Inc., Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$5,500.00 - Detroit Edison, Detroit, Michigan, for the Detroit Edison Fellowship in Electric Power Systems.

\$5,000.00 - Anonymous donor for the Department of Surgery Research and Education Fund.

\$5,000.00 - John D. Kraus, Delaware, Ohio, for the Radio Telescope Research Fund.

\$5,000.00 - Mr. George D. Massar, Columbus, Ohio, for the College of Law Advancement Fund.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gift-in-Kind

Assignment of a note and mortgage on property located at 72 East 14th Avenue, Columbus, Ohio, which is part of Indianola Farm, numbered and delineated upon the recorded plat thereof in Plat Book 3, page 89, Recorder's Office, Franklin County, Ohio, from Student Cooperatives, Inc.

New Presidents Club Members - July 1978

Frank A. Alvarez	Douglas J. Michael
John M. Ashbrook	K. C. Mosier, II
Douglas P. Boldon	Judith W. Noltmier
Daniel W. Bower	Cathy Lynn Perkins
Shirley Dunlap Bowser	Donald L. Plotnick
Robert A. Bruce, Jr.	Daniel P. Rako
Charles J. Burns	Jeanne S. Rardon
Susan Ann Cavanaugh	Frank R. Recker
Richard H. L. Chichester	Wayne E. Redmon
Carol K. Cornell	Paul D. Reese
Marc Cooperman	Paul M. Shimp
Matthew C. Dodd	Richard F. Slager
Charles F. Freiburger	William L. Smead
Scott A. Gearig	Carl E. Speicher
John L. Gushman	Lee P. Tippet
Diane E. Hammond	James A. Visconti
Carlton W. Hartley	Arthur I. Vorys
Bennie E. Hill	David W. Wilt
Robert B. Liss	James M. Wiles
Richard E. Lowe	David S. Wood

Establishment of Named Funds

George R. Havens Memorial Awards

The George R. Havens Memorial Awards was established September 8, 1978, by the Board of Trustees of The Ohio State University, with a bequest to The Ohio State University Development Fund from the estate of Dr. George Remington Havens, Professor Emeritus of French, Department of Romance Languages, The Ohio State University College of Humanities.

The annual income from this bequest is to provide for annual George R. Havens Memorial Awards for the best article and best book written on French literature or language by a member of the teaching staff of the Department of Romance Languages.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

George R. Havens Memorial Awards (contd)

The basic award for the best article shall be \$200.00 and for the best book \$600.00, each sum to be increased or diminished proportionately by the amount of income available on the principal for that year.

These awards shall be determined by a committee composed of three members of the teaching staff who are not submitting an article or book for consideration in connection with that year. The committee of three is to be selected by the chairman of the department and the vote of a majority of the committee shall determine to whom the awards shall be given.

If no book or article submitted in any one year appears worthy of an award, then the income for that year is to be added to the principal of the fund for subsequent years until an award seems suitable.

The chairman shall call the attention of the teaching staff at the beginning of each quarter to the availability of these awards and the awards given shall be publicly announced in Spring Quarter. No award for an article shall exceed four hundred dollars (\$400.00). It is desirable that the book award remain significantly larger than the article award and may at any time be increased insofar as the income from the principal fund may permit.

Should the need for the awards cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the area of study in the Department of Romance Languages.

The Karl P. Klassen Lecture and Research Fund

The Karl P. Klassen Lecture and Research Fund was established September 8, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the associates, family and friends in memory of Karl P. Klassen.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to underwrite the cost of a lecture series in thoracic surgery and/or for research in this same academic area. Requisitions for the use of these funds will be initiated by the Director of the Division of Thoracic Surgery and approved by the Dean of the College of Medicine.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Karl P. Klassen Lecture and Research Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education and research.

The Joseph W. Spretnak Memorial Scholarship Fund

The Joseph W. Spretnak Memorial Scholarship Fund was established September 8, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends and colleagues of Joseph W. Spretnak, B.S. '38, Professor of Metallurgical Engineering, late of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to undergraduate students enrolled in the Department of Metallurgical Engineering. The selection is to be made upon the recommendation of the Scholarship Committee of the Department of Metallurgical Engineering.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate official of the University who is then directly responsible for metallurgical engineering education.

The College of Medicine Alumni Society Fund

The College of Medicine Alumni Society Fund was established September 8, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from College of Medicine alumni, former interns, residents, fellows, faculty and friends of the College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

September 8, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The College of Medicine Alumni Society Fund (contd)

The annual income is to be used to enrich the academic, cultural and artistic environment and programs of the College of Medicine. The college is authorized to invade the principal amount of the endowment when necessary. The Dean of the College of Medicine will have sole authority to authorize expenditures from the fund as recommended by the Society's Board of Visitors.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

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EMPLOYMENT OF ARCHITECTS/ENGINEERS

NORTHWOOD SCHOOL, HANDICAPPED BARRIER REMOVAL

Resolution No. 79-27

Synopsis: Removal of architectural barriers for the physically handicapped at the Northwood Elementary School.

WHEREAS presently Northwood Elementary School is composed of one facility (with an inventoried gross area of 36,562 square feet), consisting of two buildings constructed in 1879 and 1953, respectively, and connected by a unit built in 1961 as part of a major renovation by the Columbus Board of Education; and

WHEREAS Am. Sub. H.B. 618 and Am. S.B. 493 provided \$300,000 which consisted of \$200,000 for the purchase of the facility, with the expressed intent that the building be leased to the Northend Community Center Corporation as a NOT FOR PROFIT community center; and

WHEREAS Am. Sub. H.B. 618 and Am. S.B. 493 also provided that \$100,000 of this appropriation be used exclusively for the purpose of providing for structural adaptation of the Northwood Elementary School to eliminate any physical barriers for use of the facility by the handicapped; and

September 8, 1978 meeting, Board of Trustees

NORTHWOOD SCHOOL, HANDICAPPED BARRIER REMOVAL (contd)

WHEREAS we have been advised that the firm of Strayer, Inc., Architects and Planners, Dublin, Ohio, will be employed by the Northend Community Center Corporation for design work relative to renovation of the facility:

NOW THEREFORE

BE IT RESOLVED, That the Department of Administrative Services be authorized to retain the services of Strayer, Inc., Architects and Planners, Dublin, Ohio, for design work relative to elimination of physical barriers to allow use of the facility by the handicapped, and provide complete architectural and engineering services for this project including preliminary plans, working drawings, specifications, estimate of cost, necessary bidding documents and administration of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated by the Department of Administrative Services, Division of Public Works, with the total project cost not to exceed \$100,000.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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HOUSING FACILITIES--SMOKE DETECTOR INSTALLATIONS

Resolution No. 79-28

Synopsis: Provide automatic smoke detector devices in eleven high-rise dormitories in compliance with House Bill 226.

WHEREAS House Bill 226 enacted by the General Assembly and incorporated into the Ohio Revised Code requires the installation of an automatic smoke detector in a dormitory building that exceeds 75 feet in height and which does not have a conforming automatic smoke detector system or sprinkler system, and the date for compliance with the new law has been established to be effective November 26, 1978; and

WHEREAS The Ohio State University Residence Hall system includes eleven dormitory buildings which exceed the 75 foot limit included in the statute, it is estimated that minimum compliance will require installation of approximately 2,600 smoke detectors:

NOW THEREFORE

BE IT RESOLVED, That the firm of Larson Engineering, Mechanical and Electrical Consulting Engineers, be employed to provide an engineering study which would include:

Define code requirements of the new law

September 8, 1978 meeting, Board of Trustees

HOUSING FACILITIES--SMOKE DETECTOR INSTALLATIONS (contd)

Determine various methods of satisfying the Code by value engineering

Estimate the cost of each method

Calculate the long-range maintenance or replacement cost of each system

Determine the time involved for installation of each method

Finalize a recommendation of the most economical and appropriate solution to compliance, and

completion of the preliminary through final plans, drawings, estimate of cost, necessary bidding documents and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for these services be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the funds for the project provided from Budget Account 317200, Dormitory Revenue Funds; and the preliminary estimate indicates the project may be in the neighborhood of \$600,000; final estimate will be determined upon completion of the engineering study.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 79-29

Synopsis: Plans and specifications have been completed for one project and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials and estimates of cost for the following project are presented for approval:

ELECTRICAL DISTRIBUTION IMPROVEMENTS

Project: Provide alternate 13.8KV electric power service which will improve reliability, reduce duration of outages, and allow improved maintenance procedures. The alternate power will allow the buildings to be re-energized immediately on failure of service to the buildings. This project will complete alternate service to campus buildings served by the 13.8KV system.

September 8, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ELECTRICAL DISTRIBUTION IMPROVEMENTS (contd)

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$300,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

Upon motion of Mr. Havens, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND**

Resolution No. 79-30

Synopsis: Contracts have been awarded for one project to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids, and recommend awards, in accordance with the established University procedures for the following project:

MANSFIELD CAMPUS--REPAIR PARKING LOT AND ACCESS DRIVES

Description: Resurface with asphalt the north parking lot and access roads.

Date Received: August 29, 1978

No. of Bids: 2

Low Bid: \$ 89,597.00*

High Bid: \$ 99,219.25*

* Recommended alternates reflected in this figure.

September 8, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

MANSFIELD CAMPUS--REPAIR PARKING LOT AND ACCESS DRIVES (contd)

Estimate of Cost:	\$100,300.00*
Awarded to:	Mansfield Asphalt Paving Co. (Mansfield, Ohio)
Total Contract:	\$ 89,597.00*
Total Contingency Allowance:	\$ 8,959.70 which is 10 per cent of the construction costs
Total Project Cost:	\$133,700.00
Funding:	Budget Account 885068 (Mansfield Campus Reserve - \$110,600 and North Central Technical College - \$23,100)

* Recommended alternates reflected in this figure.

NOW THEREFORE

BE IT RESOLVED, That pursuant to a previous action of the Board, a construction project was bid, a contract was recommended for award and the establishment of contingency fund and expenditure of project funds are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENTS - COLUMBIA GAS OF OHIO, INC.
NORTH STAR AND RIDGEVIEW ROADS
AND TREMONT ROAD TO REED ROAD**

Resolution No. 79-31

Synopsis: Renewal of two easements for Columbia Gas of Ohio, Inc., is requested.

WHEREAS the University on July 24, 1963 by a letter from the President granted two fifteen-year easements to The Ohio Fuel Gas Co. (now known as Columbia Gas of Ohio, Inc.) for the purpose of installing a twenty-inch gas pipeline along the north side of Ridgeview Road and east of North Star Road and a ten-inch gas pipeline along Tremont Road to Reed Road; and

WHEREAS said easements expire on August 21, 1978; and

September 8, 1978 meeting, Board of Trustees

**EASEMENTS - COLUMBIA GAS OF OHIO, INC.
NORTH STAR AND RIDGEVIEW ROADS
AND TREMONT ROAD TO REED ROAD (contd)**

WHEREAS the Department of Administrative Services has prepared the necessary legal instruments to renew said easements for a period of fifteen years; and

WHEREAS the appropriate University agencies have recommended that said renewals be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University to process the necessary instruments to provide for said easement renewals.

Upon motion of Mr. Gushman, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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POWER OF ATTORNEY - CUSTOMS

Resolution No. 79-32

Synopsis: The designation of certain administrators to act for and on behalf of the University is being proposed.

WHEREAS the action taken by the Board of Trustees at the January 10, 1975 meeting, relative to the Power of Attorney-Customs be rescinded:

NOW THEREFORE

BE IT RESOLVED, That Edward Q. Moulton, Vice President for Business and Administration; James W. Kristoff, Treasurer; and Charles R. Gambs, Jr., University Contracts Officer; be authorized to transact business on behalf of The Ohio State University with any custom house in the United States, including making declarations to entries of merchandise imported by this University, endorsing bills of lading, and signing all bonds in the name of the University as required by law or the regulations of the collector of customs or Treasury Department; securing the duties on importations made by the University; and also in the name of the University executing and delivering bonds of indemnity to the collector of customs.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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September 8, 1978 meeting, Board of Trustees

**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY
SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS PROGRAM**

Resolution No. 79-33

Synopsis: Report of State Auditor for The Ohio State University for period July 1, 1973 through June 30, 1977, is recommended for acceptance.

WHEREAS the Auditor of State is charged with the statutory responsibility for auditing accounts for all departments of the State, including State-assisted universities; and

WHEREAS the report of the Auditor of State for The Ohio State University for the period July 1, 1973 through June 30, 1977, has been received and reviewed by the appropriate officers of the University; and

WHEREAS the accounts, records, files and reports of The Ohio State University were found to be in essentially satisfactory condition but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and steps have been taken to correct the minor problems that were found:

NOW THEREFORE

BE IT RESOLVED, That this report of the Auditor of State be received and filed with the official documents of the University.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**REPORT - FISCAL AFFAIRS COMMITTEE
EMPLOYMENT OF INVESTMENT COUNSELOR**

Resolution No. 79-34

WHEREAS the Endowment Fund has equity fund balances available for investment; and

WHEREAS the Endowment Fund desires to earn the fullest possible return on such funds with the minimum risk:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to contract for the services of counsel for the purpose of managing the remaining funds specified as equity investments.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 8, 1978 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON'S COMMENTS ON OPENING OF AUTUMN QUARTER

The opening of Autumn Quarter is less than two weeks away, and I want to take a few minutes to comment on several items of particular interest.

The first is enrollment. Based on the figures available at this time, we expect our enrollment on the Columbus campus to remain at about the same level it was last year -- 51,000.

Further, the number of new freshmen will increase about 300 over last year and should reach 7,600.

These figures are gratifying in two ways. First, they indicate that the declining enrollments which are forecast nationally for the years ahead and have begun to be noticed on some campuses have not reached us. Secondly, the increase in new freshmen reflects the continuing attractiveness of Ohio State as a place to get a college education.

The number of new graduate students is projected to be about 100 fewer than a year ago. This slight decline, however, is expected to be offset by the increased graduate enrollment we experienced last Spring and Summer Quarters. As a result, our total graduate enrollment this Fall should be comparable to the 9,140 graduate students enrolled a year ago.

As you might expect, the entering classes for all of our professional colleges are filled. Final total enrollment for these colleges this Fall will be about 2,770 students enrolled in our professional colleges.

In this regard, a point worth noting is the fact that there were 12 per cent fewer applications to our professional colleges this year than the year before. This decline appears to be part of a national trend, not something which is happening only at Ohio State.

Looking at the regional campuses and the Agricultural Technical Institute at Wooster, it appears now that total enrollments at these locations will be down about 200 students, or 4.4 per cent, below the preceding Autumn. This decline appears to be due mainly to a drop in the number of new students. Our people will be studying these figures in the weeks ahead to give us a better understanding of their significance.

Finally, so far as our enrollment figures are concerned, I think you will be pleased, as I was, to learn that we will have 102 new Ohio State National Merit/National Achievement Scholars enrolled, bringing our expected total of such scholars to 279. You may recall that four years ago we began a new program to recruit outstanding students who were finalists in the National Merit competition. With

September 8, 1978 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON'S COMMENTS ON OPENING OF AUTUMN QUARTER
(contd)

the help of private gifts to the University, we have been able to provide scholarships to these top students in recognition of their high scholastic ability. And it is gratifying to see this program continue to grow.

It is also gratifying to note that of the 1,000 scholarships which became available to Ohio high school graduates for the first time this year under the new Ohio Academic Scholarship Program, nearly 20 per cent (199) went to outstanding students who chose Ohio State. These figures are further evidence of the University's ability to attract outstanding students.

In a second area, I want to comment briefly about our residence hall figures for Autumn. In a nutshell, we are filled to capacity--and then some. We are experiencing what appears to be happening nationally--a desire on the part of students to live in university housing.

This trend is understandable, considering the rising costs faced by students living in apartments or other off-campus housing. Utilities cost more, food costs more, and the chances to save a few dollars are not so readily available to the off-campus student, as they once were. So it's 'Back to the dorms.' That seems to be the cry on campuses generally this Fall.

As of August 18, our Residence and Dining Halls had signed contracts with about 10,195 persons, and the acceptance of contract requests was cut off on that date. Even with the expected cancellations before the first day of classes--and based on past experience this number is estimated at 755--we will likely have about 240 students more than the number of regular residence hall spaces available. These students will be housed in temporary spaces, and we have about 600 such spaces available.

We recognize that these temporary housing arrangements may be inconvenient for some students. We know, too, that there were a number of other students who were disappointed because they could not get into University housing at all.

Residence and Dining Halls staff returned about 300 contracts which were received after the cut-off date. They also had to notify another 1,200 students requesting housing information that no more space was available.

When you have these circumstances--temporary housing and also large unfilled demand for housing--there are bound to be some complaints. We know this, and I want to alert you to the situation in case it comes to your attention in other ways.

Our residence staff has been working overtime locating alternative off-campus housing, and information on these rooms is being provided to the students we could not house. We have also made arrangements for some students to be housed at Ohio Dominican College. And we are appealing to faculty and others in the community who have space in their homes to take in a student. We hope these efforts will help students during this peak-demand period for housing.

September 8, 1978 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON'S COMMENTS ON OPENING OF AUTUMN QUARTER
(contd)

In a third area, I want to mention briefly a few of the things which are being done to improve services and alleviate the 'crunch' associated with getting some 50,000 students back on campus and through the necessary steps which must precede the start of classes.

For example, the Recreation Center on West Campus will be available all next week, Monday through Friday, as a special location where students--except those on financial aid--will be able to pay their fees, pick up football tickets, and in the case of new students, purchase parking decals. This location is removed from the main campus, has plenty of nearby parking, and will make it much easier for students to get necessary business taken care of promptly. This innovation should be a great help in our efforts to make the start of school as 'hassle-free' for our students as possible.

For several years we have been urging students to register and pay their fees by mail. For those who can, this is by far the easiest procedure, and all new students who went through orientation programs this summer were urged to pay by mail.

The logistics of getting between 9,000 and 10,000 students moved into residence halls in a few days would seem to boggle the mind. Yet there will be a small army of people who are briefed and ready to assist the new arrivals. These aides include residence hall personnel, Program 60 volunteers, and, if needed, students from the sophomore honorary organizations. Persons arriving by car have been sent color-coded maps to place in the windshield. And from these colors, persons directing traffic will see that traffic flows smoothly to the proper residence hall area.

Finally, I want to mention several construction and renovation projects of interest.

The new bridge across the Olentangy River will be open before the start of the quarter. It will greatly improve the flow of traffic into and out of the south part of the campus, particularly the medical area, and relieve the congestion on Canon Drive.

Repairs to the Stadium have been completed. The large parking area northeast of the Stadium has been resurfaced, and new parking lots providing an additional 300 spaces at Sisson and Vivian Halls will be ready for use.

Remodeling projects in Page, Hagerty, and Hamilton Halls will be completed by the start of the quarter. And the renovation of Hayes Hall is on schedule and will be finished by Winter Quarter.

We will have new buildings on the Newark Campus and at the Agricultural Technical Institute ready for use as classes begin this quarter.

The Long Walk on the Oval is being replaced, and that work will be done by the start of classes.

September 8, 1978 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON'S COMMENTS ON OPENING OF AUTUMN QUARTER
(contd)

Finally, we continue our efforts to adapt the campus to meet the needs of the physically impaired. New elevators have been installed in Stillman, Lazenby, and Page Halls and in the Welding Engineering Building and will be ready for use when students return.

These are a few of the developments which I thought you would find of particular interest as we begin a new academic year.

President Enarson called on Dr. Henry Cramblett to report on the status of the Anesthesiology Department at University Hospitals.

Dr. Cramblett reported that Dr. Denman Shaw will join Dr. John McDonald who became head of the Department of Anesthesiology early in September. Both physicians are fully licensed in the State of Ohio and have been accorded appropriate staff privileges in University Hospitals. The operating room schedule for September is approximately 60 per cent of the normally allotted time for each surgical specialty. Eye surgery which is usually conducted in Means Hall has been temporarily scheduled into University Hospital to conserve the anesthesiology resources in one building. During August there were 13.2 full-time equivalent nurse anesthetists, which is compared with 11.2 in August a year ago and 8 in August 1976.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-35

RESOLVED, That the report on the University's Investment Portfolio dated August 18, 1978, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, October 6, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Patricia D. James
Acting Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 6, 1978

The Board of Trustees met at its regular monthly meeting on Friday, October 6, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, John L. Gushman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, John F. Havens and Daniel M. Galbreath.

* * *

Minutes of the last meeting were approved.

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October 6, 1978 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, John F. Havens and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-36

Synopsis: Resolutions honoring the service of two of this University's faculty members and a former member of the Board of Trustees who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

James Morton Schopf

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 15, 1978, of James Morton Schopf, Professor of Geology and Mineralogy since 1950 and of Botany since 1964.

Dr. Schopf was born June 2, 1911, in Cheyenne, Wyoming. He received the bachelor of arts degree in botany from the University of Wyoming in 1930, the master of science degree and the doctorate in plant ecology, geology and botany from the University of Illinois in 1932 and 1937. Between 1934 and 1943 he was Assistant Geologist with the Illinois Geological Survey; from 1943 to 1947 he was Coal Microscopist with the U. S. Bureau of Mines; and for eight months in 1947 he was Senior Research Associate with the South African Geological Survey. From late 1947 to mid-1949, he was involved with the study and interpretation of Paleozoic fossil plants, as Geologist with the U. S. Geological Survey. In mid-1949, Dr. Schopf established the U. S. Geological Survey's Coal Geology Laboratory at The Ohio State University. He was its supervisor until his retirement from the Survey in 1976, and was concurrently a full participant in scholarly activities of the Department of Geology and Mineralogy, the Department of Botany, and the Institute of Polar Studies.

Dr. Schopf was active in 26 geological and botanical societies. He was twice chairman of the Paleobotanical Section, Botanical Society of America; chairman for 11 years of the International Association for Plant Taxonomy; councilor of the Geological Society of America;

October 6, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

James Morton Schopf (contd)

vice president of the Ohio Academy of Science; and president of the International Organization of Paleobotany. His more than 150 published reports on paleobotany, coal and coal petrography, ancient climates and Antarctic fossil plants, and his extensive field studies on four continents, are evidence of Dr. Schopf's unusually broad interests and exceptional command of his science. Recognitions such as the Award of Merit and Distinguished Paleobotanist Award (Botanical Society of America, 1968, 1977), the Antarctic Service Medal (1970), the Cady Award (Geological Society of America, 1973), the Mary Clark Thompson Award (National Academy of Science, 1976), Medal of the Palaeobotanical Society of India (1977), and the Medal of the Paleontological Society (1978) are testimony to the esteem and affection of his professional colleagues. Dr. Schopf's co-workers also named six genera of fossil plants and the highest mountain of Antarctica's Ohio Range in his honor.

Dr. Schopf's fundamental contributions to our knowledge of fossil plants, his rigorous personal standards of scholarship, his inspirational leadership in the field of coal geology, and his influence on students at The Ohio State University and elsewhere in the world have been of the very highest order. Dr. Schopf was at the peak of his career at the time of his death. He will be remembered as one of the more notable figures in American and world paleobotany of the present century.

On behalf of the University, the Board of Trustees expresses to the family of Dr. Schopf its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to his family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Neal E. Vivian

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 9, 1978, of Neal E. Vivian, Professor in the Academic Faculty of Vocational-Technical Education, in the College of Education.

Dr. Vivian was born May 29, 1921, in Hibbing, Minnesota. He attended Crosby-Ironton High School, graduating in 1939. He completed a bachelor's, master's and doctorate degree in education at the University of Minnesota.

Dr. Vivian joined the faculty of The Ohio State University September 1, 1966, as a Research Specialist at the National Center for Vocational Education and as an Associate Professor of Vocational Education. In 1968 Professor Vivian assumed a full-time faculty position in the Academic Faculty of Vocational-Technical Education. Prior to his appointment at The Ohio State University, Dr. Vivian served on the faculty of Indiana University and the University of Tennessee.

Dr. Vivian was a dedicated and highly respected national leader in the field of Vocational Distributive Education. The most recent of his many national awards and recognitions occurred in December, 1977, when he received the Distributive Education Professional

October 6, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Neal E. Vivian (Contd)

Development Award from the American Vocational Association. As part of the award, a scholarship was established at The Ohio State University in Dr. Vivian's name for advanced study, research and professional development. He was well known and respected, both state-wide and nationally. He will long be remembered for his outstanding contributions to Vocational Education.

On behalf of the University, the Board of Trustees expresses to the family of Dr. Vivian its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to his family as sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

William C. Safford

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of William C. Safford on September 29, 1978.

Mr. Safford rendered most distinguished service to this Board and to the University during eight years as a Trustee. He was named to the Board in 1967 and was elected its chairman for 1974-75. In September of 1975 he resigned his trusteeship to accept appointment by Governor James A. Rhodes to the Ohio Board of Regents, where he was serving at the time of his death.

Recognized as a national leader in the insurance industry, Mr. Safford was board chairman and past president of the Western-Southern Life Insurance Company of Cincinnati, with which he had been associated for fifty years.

In addition to his years of service to higher education through terms on the Board of Regents and Board of Trustees, he also had been a member and chairman of the Board of Visitors of West Point Military Academy.

Throughout his career he gave outstanding public service to the State of Ohio in other important offices. He was Ohio's deputy superintendent of insurance in 1925-26 and the state's youngest superintendent of insurance in 1927-28. He also had served on the Advisory Council of the Ohio Bureau of Unemployment Compensation and on the Ohio Development Financing Commission.

Mr. Safford was born December 2, 1898, in Columbus, Ohio, and attended Aquinas College and Columbus Law College.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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October 6, 1978 meeting, Board of Trustees

**REVIEW OF PRINCIPAL ADMINISTRATIVE AND ACADEMIC OFFICIALS -
CHANGES IN RULES OF THE UNIVERSITY FACULTY**

Resolution No. 79-37

Synopsis: Changes in Rules of the University Faculty are being proposed.

WHEREAS this Board of Trustees on December 8, 1977, adopted a policy regarding the review of principal administrative and academic officials; and

WHEREAS the University administration was directed to prepare and present to the Board such rule changes as may be necessary to give full force and effect to this policy:

NOW THEREFORE

BE IT RESOLVED, That rules 3335-3-02 and 3335-3-17 of the Administrative Code be revised and amended to read as follows:

3335-3-02 Offices of the staff members.*

- (A) Each member of the president's staff shall, in turn, be the executive head of the office of his division. He shall be responsible for the administration of that office, subject to the control of the president. Within each staff member's office there shall be such principal administrative officials as are recommended by the president and approved by the board (rule 3335-3-17 of the Administrative Code).
- (B) Appropriate records shall be kept by these offices and shall be available to the president, the university ombudsman or the appropriate staff member upon request.
- (C) Unless otherwise specified, all assigned responsibilities shall be on a university-wide basis, including the regional campuses of the university.

3335-3-17 Principal administrative officials.*

- (A) The term principal administrative official shall include the members of the president's staff, the deans of the colleges and regional campuses and their designated staffs, the director of the university libraries, chairmen of academic departments and faculties, and directors of schools and major interdisciplinary centers. The members of the president's staff shall identify to the president such other persons in their areas of responsibility who shall be considered principal administrative officials of the university.
- (B) Principal administrative officials shall be appointed for one-year terms by the board of trustees, upon the nomination of the president. Recommendations regarding these appointments will be made to the president following appropriate consultation.
- (C) The president of the university and the members of the president's staff shall be responsible for conducting both annual and periodic formal reviews of the principal administrative officials in their areas of responsibility.

*Rule initiated by board of trustees.

October 6, 1978 meeting, Board of Trustees

**REVIEW OF PRINCIPAL ADMINISTRATIVE AND ACADEMIC OFFICIALS -
CHANGES IN RULES OF THE UNIVERSITY FACULTY (contd)**

- (1) The purpose of the annual review shall be:
 - (a) To evaluate the administrator's performance;
 - (b) To provide information for improvement;
 - (c) To determine whether the administrator should be recommended for continued appointment; and
 - (d) To recommend compensation for the subsequent year.
 - (2) The purpose of the formal periodic review shall be:
 - (a) To evaluate in a comprehensive manner the administrator's performance through formal review procedures;
 - (b) To provide information for improvement; and
 - (c) To determine whether or not the administrator should be recommended for continued appointment.
 - (3) Recommendations shall be forwarded to the president.
- (D) Periodic formal reviews for deans shall be conducted toward the conclusion of each five-year period of service; for chairmen, directors of schools and major centers toward the conclusion of each four-year period of service; and for other principal administrators toward the conclusion of each four-year period of service.
- (E) Criteria for evaluation shall be established and defined by the members of the president's staff in consultation with the persons evaluated and the president. Qualities to be evaluated shall include but not be limited to: knowledge and ability, initiative, judgment, leadership capacity, tact, ability to communicate effectively and to resolve conflicts; commitment to personal and professional growth and to assisting others to achieve such growth; ability to manage budgets, delegate responsibility, and establish intelligent priorities in the administrator's area of responsibility; and commitment to the work of the institution.
- (F) In general, each review will be performed by the principal administrative official, in consultation with the persons who report to or through the administrator being reviewed or by a committee appointed by the president, the appropriate member of the president's staff, dean or director.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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October 6, 1978 meeting, Board of Trustees

**APPOINTMENT OF TRUSTEES ON THE
POOLED INCOME TRUST FUNDS I AND II**

Resolution No. 79-38

Synopsis: Appointment of Trustees on the Pooled Income Trust Funds I and II.

WHEREAS the Board of Trustees by action of December 4, 1970, established a pooled income fund as a convenient means for University benefactors to contribute financial support to the University and at the same time retain income during their lifetime; and

WHEREAS the Board on September 10, 1976 nominated and appointed four individuals to serve as trustees on Pooled Income Trust Funds I and II:

NOW THEREFORE

BE IT RESOLVED, That the following current members be reconfirmed as trustees on the Pooled Income Trust Funds I and II:

James R. McCoy
Joseph S. Platt
Charles R. Traphagan

and that James W. Kristoff, Treasurer of The Ohio State University, replace Ernest W. Leggett, the former Treasurer of the University, as the fourth trustee.

Upon motion of Mrs. James, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDING

Resolution No. 79-39

Synopsis: Changing name of Temporary Vet Clinic building to Service Building Annex is proposed.

WHEREAS pursuant to the authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommends with the concurrence of the President's Staff, that the Temporary Vet Clinic building, located at 2578 Kenny Road, be renamed Service Building Annex:

October 6, 1978 meeting, Board of Trustees

NAMING OF BUILDING (contd)

NOW THEREFORE

BE IT RESOLVED, That the above-described building be renamed in accordance with the President's recommendation.

Upon motion of Mr. Havens, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RULES FOR THE CLASSIFIED CIVIL SERVICE

Resolution No. 79-40

Synopsis: Approval of publication, Rules for the Classified Civil Service, is requested.

WHEREAS rules have been developed at The Ohio State University, pursuant to division (A) of section 124.09 and division (G) of section 124.14 of the Revised Code, outlining the scope and responsibilities of the University personnel function relative to the administration of Ohio Civil Service laws; and

WHEREAS under the provisions of section 111.15 of the Revised Code all such rules must be filed with the Legislative Reference Bureau and the Secretary of State:

NOW THEREFORE

BE IT RESOLVED, That the *Rules for the Classified Civil Service*, revised July 1, 1978, be adopted by the Board as the official publication pertaining to Classified Civil Service employment at The Ohio State University, and that the Vice President for Personnel Services be directed to file said rules with the Legislative Reference Bureau, the State Personnel Board of Review, and the Secretary of State.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF OFFICE OF CONTINUING EDUCATION

Resolution No. 79-41

Synopsis: Approval is requested to establish an Office of Continuing Education in the Office of Academic Affairs that will organize efforts to meet significant new challenges in this area.

WHEREAS nearly a quarter of all students of the University are twenty-five or over; and

October 6, 1978 meeting, Board of Trustees

ESTABLISHMENT OF OFFICE OF CONTINUING EDUCATION (contd)

WHEREAS demographic studies indicate crucial trends toward decreases in the number of younger students and increases in the numbers of older and part-time students who will enroll during the next decade; and

WHEREAS students over twenty-five and part-time students tend to have social and economic responsibilities which require that their learning be scheduled during evenings, weekends and summers in a variety of settings on and off campus, and delivered by a variety of non-traditional methods; and

WHEREAS it is recognized that credit and non-credit programs should be coordinated to increase the University's capacity to provide for the improvement and expansion of programs for all continuing learners:

NOW THEREFORE

BE IT RESOLVED, That the President shall establish an Office of Continuing Education within the Office of Academic Affairs; and

BE IT FURTHER RESOLVED, That a Vice Provost for Continuing Education shall be the head of this office; and

BE IT FURTHER RESOLVED, That the appropriate rule changes be made to give this Office requisite authority and effect.

3335-3-171 Vice provost for continuing education.*

(A) There shall be a vice provost for continuing education in the office of academic affairs.

(B) The vice provost for continuing education shall be responsible for and have the requisite authority to provide coordinated leadership for the maintenance and improvement of all aspects of continuing education. Without limiting the generality of the foregoing this shall include: responsibility and the requisite authority for the development and administration of policies and operating procedures for continuing education programs and for the enrollment office for evening and continuing education students; coordination and development of new courses and programs in cooperation with colleges and departments, the graduate school, and the regional campuses through the vice president for regional campuses and dean of university college; coordination and provision of support for counseling and other services to continuing learners; improvement of relations with community groups interested in continuing education; development of effective means of publicity for continuing education; and development of continuing education research and teaching projects to be supported by outside funding agencies.

(C) The principal administrative officials of the office of the vice provost for continuing education shall include an associate vice provost, a program coordinator, and such other persons as may be authorized from time to time.

*Rule initiated by board of trustees.

October 6, 1978 meeting, Board of Trustees

ESTABLISHMENT OF OFFICE OF CONTINUING EDUCATION (contd)

3335-3-171 Vice Provost for continuing education. (contd)

- (D) The vice provost for continuing education shall be advised by a university-wide policy committee comprised of faculty and appropriate administrative members.

President Enarson made the following statement:

One challenge to which The Ohio State University has not yet responded with sufficient force and initiative is the need for further development of continuing education.

By 'continuing education,' we mean providing courses and programs of study available at places and times convenient to the needs of those students who either begin college later in life or return to college.

For many reasons, more and more young people do not follow the traditional four-year undergraduate program. Nor do students go directly into full-time graduate work. Some stop out after high school or after a year or two at college. Others marry, go to work, find themselves responsible for a family, and only later return to acquire the education they missed. Still others are university graduates who return for further study to achieve career changes, acquire new knowledge required by their jobs, or meet the credentialing requirements of their professional associations.

'Continuing learners,'--for want of a better term--most often adults over 25, come back to school at various times in their lives. They seldom have the time of the younger student who can spend four full-time years on campus pursuing an undergraduate degree or dedicate a similar period to graduate work. They must work, and often provide for their families; therefore, they require special kinds of programs built into special time frames--evening programs, concentrated weekend courses, summer short courses, non-traditional programs that blend independent study with video cassettes, occasional meetings with an instructor and TV lectures, programs delivered through our network of agricultural extension centers, and non-credit conferences or courses that improve vocational skills or upgrade professional knowledge.

Because continuing learners may have gained considerable experience from work, diverse social and political relationships, parenthood, or military service, they are often impatient with our usual enrollment and registration procedures or the content and style of courses designed for less experienced students. They have adult perspectives and values; they are under great economic pressure and in a hurry to take the next step forward; and they tend to be pragmatic--anxious to gain the vocational or professional skill that will bring them and their families better lives.

In the academic year 1977-1978, 23.5% or 12,000 of our students were over 25 years old. In other words, one-quarter of all our students already fit the new pattern, and it is anticipated that this figure will increase rapidly during the next few

October 6, 1978 meeting, Board of Trustees

ESTABLISHMENT OF OFFICE OF CONTINUING EDUCATION (contd)

President Enarson's statement (contd)

years. Indeed, as the enrollments of 17- or 18-year olds decrease (as the demographers assure us is happening throughout the nation), we very much hope that the number of continuing learners will grow significantly.

To meet these new demands, we must vigorously develop new programs and structures and new ways of providing valuable educational experiences that meet the needs of our continuing learners.

Specifically, I am recommending that an Office of Continuing Education be established. Its task will be to mobilize on a cooperative basis the full resources of the University, giving strong impetus to the many efforts already under way throughout the University. The new Office of Continuing Education, to be headed by a Vice Provost for Continuing Education, will be an integral part of the Office of Academic Affairs. Among this office's responsibilities would be:

- to coordinate the work of the present Division of Continuing Education and the credit programs now carried on through evening, off-campus, and non-traditional instruction by the several colleges.
- to coordinate, improve, and monitor counseling and other services for continuing education students, whether these students are enrolled for credit or non-credit, in daytime or evening, off-campus or on.
- to stimulate the development of improved courses and programs for continuing education, both credit and non-credit, and to support the introduction of new and needed courses. This will include the provision of curricula more suitable and accessible to the continuing learner by whatever delivery systems are most promising. It will also mean supporting the efforts of colleges and departments to develop and present expanded offerings. Similarly it will require the closest possible cooperative working relationship with the Graduate School, the Regional Campuses, the present Division of Continuing Education, and many other units of the University.
- to recognize and respond to the continuing educational needs throughout the state in the fields where this comprehensive University has state-wide responsibility, and to develop effective outreach in Franklin and neighboring counties, involving the people of these communities in the work of identifying needs and devising educational programs that will serve the continuing learner.
- to develop means of publicizing our offerings and our desire to serve the continuing learner both outside and inside the University.

October 6, 1978 meeting, Board of Trustees

ESTABLISHMENT OF OFFICE OF CONTINUING EDUCATION (contd)

President Enarson's statement (contd)

--to develop a sound financial base for steady and rapid growth of the University's capacity to satisfy the educational needs of our continuing learners along the whole continuum--from the briefest non-credit programs to the most demanding professional conferences or degree programs.

--to discover and obtain external funding sources for support of our on-going continuing educational programs and for valuable and necessary innovation.

Upon motion of Mrs. James, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 79-42

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leave of Absence Without Salary and Professional Improvement Leave are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the September 8, 1978 meeting of the Board, including the following Appointments, Leave of Absence Without Salary and Professional Improvement Leave as detailed in the University Budget for 1978-79 be approved.

Appointments:

Name:	S. EARL BROWN
Titles:	Acting Dean, College of Social and Behavioral Sciences, and Professor, Department of Geography
Effective:	October 1, 1978
Salary:	\$33,180.00
Present Positions:	Assistant Dean, College of Social and Behavioral Sciences, and Professor, Department of Geography

Name:	LEON I. TWAROG
Titles:	Professor and Chairman
Department:	Slavic Languages and Literatures
Effective:	October 1, 1978
Salary:	\$38,160.00
Present Positions:	Acting Dean, College of Humanities, and Professor, Department of Slavic Languages and Literatures

October 6, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leave of Absence Without Salary

PAUL S. LANDE, Assistant Professor, Department of City and Regional Planning, effective October 1, 1978 through December 31, 1978, to work in a temporary position at the Economic Development Administration, U. S. Department of Commerce.

Professional Improvement Leave

HARRY L. COLES, Professor, Department of History, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Upon motion of Mr. Devenow, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-43

Synopsis: The report on contracts, grants and gifts and the summary for August are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of August 1978, be approved.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS and GIFTS (contd)

SUMMARY FOR AUGUST 1978

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 294,581.46
The Ohio State University Research Foundation	91	4,967,812.00
Engineering Experiment Station	2	46,496.00
		\$5,308,889.46
The Ohio State University Development Fund	2,227 Donors	\$ 568,675.68
Establishment of Named Funds		
The Robert Watson Scholarship Fund (Department of Animal Science)		\$ 13,928.57
The Rodger and Donellda Maddex Scholarship in Nursing (School of Nursing)		5,000.00
New Presidents Club Members - August 1978		
Daniel M. Ames	James D. Halsey	
Joshua B. Blumental	Ray E. Hill	
William N. Carson	Mark L. Keith	
W. Daniel Cordray	H. Lee Mathews	
Samuel B. Davis	Richard W. Meiring	
Marilyn L. Deeg	Nelson A. Mills, Jr.	
Stephen A. Deibel	Craig W. Patton	
Raymond K. Deyo	Arthur H. Pollack	
Donald A. Drummond	John J. Santone	
Curt S. Dunham	James M. Schmidt	
Franklin E. Eck	Robert E. Schmidt	
Karen W. Gardner	Thomas J. Selby	
James C. Grau		

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contract/Grant

\$69,100.00 - U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Law Enforcement Education Program, Student Financial Aids (R. J. Harrison), August 1, 1978 through July 31, 1979. (Grant No. 78LPAX0681)

State of Ohio Contracts/Grants

\$221,731.46 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Home Economics, School of Home Economics (L. Bailey), July 1, 1978 through June 30, 1979.

\$3,750.00 - Ohio Historical Society, Historic Preservation Office, Columbus, Ohio, for Regional Archaeological Preservation Office (Ashland, Crawford, Hancock, Hardin, Marion, Morrow, Richland and Wyandot Counties), Mansfield Regional Campus (S. Deaver), October 1, 1978 through December 31, 1978.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS \$225,481.46

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$498,608.00 - Department of Energy, Washington, D. C., Provide Technical Assistance to State Regulatory Commissions in Developing Conservation Programs, National Regulatory Research Institute (D. N. Jones and J. C. Cuddy), 1 August 1978 through 31 March 1979. (Project 760898 - Continuation)

\$480,372.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Spinal Cord Injury Research Center, Departments of Surgery (W. E. Hunt and J. S. King), Physiology (B. T. Stokes), Medicine (J. N. Allen), Pathology (A. J. Yates), and Physiological Chemistry (L. A. Horrocks), 1 September 1978 through 31 August 1979. (Project 763358 - Continuation)

\$213,915.00 - National Science Foundation, Washington, D. C., Socio-Behavioral Responses to Chemical Hazards, Department of Sociology (E. L. Quarantelli and V. A. Taylor), 1 September 1978 through 31 August 1979. (Project 760714 - Continuation)

\$161,876.00 - Department of Justice, National Institute of Corrections, Washington, D. C., Training Correctional Agency Trainers, The Center for Vocational Education (R. E. Taylor), 18 August 1978 through 17 May 1979. (Project 761286 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$153,675.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Vocational-Technical Education Leadership Development, Graduate School (J. B. LaPidus) and Academic Faculty of Vocational-Technical Education (A. J. Miller), 1 September 1978 through 31 August 1979. (Project 761272 - Continuation)

\$139,536.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, School of Nursing (E. L. Fritz), 1 August 1978 through 31 July 1979. (Project 760803 - Continuation)

\$135,972.00 - Department of State, Agency for International Development, Washington, D. C., Rural Poor Survey in El Salvador: Landless, Women and Off Farm Employment, Department of Agricultural Economics and Rural Sociology (W. L. Flinn), 21 July 1978 through 20 January 1980. (Project 761220 - New)

\$119,900.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Development of an Assay for Genetic Damage to Mammary Gland Cells, Department of Radiology (R. W. Hart) and Departments of Radiology and Pharmacology (S. D'Ambrosio and F. B. Daniel), 1 September 1978 through 31 August 1979. (Project 761268 - New)

\$93,287.00 - Department of Health, Education and Welfare, Region V Office, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Assessing Training Needs in the Child Welfare Agency: A "How To" Package, College of Social Work (R. O. Washington and N. J. Rindfleisch), 1 August 1978 through 31 July 1979. (Project 761277 - New)

\$92,860.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Bilateral Assymetry in Freshwater Fishes as an Index of Environmental Contamination, Department of Zoology (T. J. Peterle, B. L. Griswold and R. A. Tassava), 1 July 1978 through 30 September 1980. (Project 761255 - New)

\$92,600.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Demonstration: Effecting Incremental Improvements in K-12 Career Education, The Center for Vocational Education (R. E. Taylor and B. Fitch), 1 July 1978 through 30 June 1979. (Project 761205 - New)

\$92,152.00 - Department of Health, Education and Welfare, Office of Education, Teacher Corps, Washington, D. C., Teacher Corps Operations and Training, Academic Faculty of Early and Middle Childhood Education (C. R. Williams), 15 July 1978 through 14 July 1979. (Project 761178 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$90,444.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Family Centered Program on Intervention, Nisonger Center for Mental Retardation (M. F. Chase), 1 July 1978 through 30 June 1979. (Project 760710 - Continuation)

\$87,459.00 - Environmental Protection Agency, Washington, D. C., Application of Fourier Transform Spectroscopy to Air Pollution Problems, Departments of Physics (J. H. Shaw) and Chemistry (J. G. Calvert), 15 July 1978 through 14 July 1979. (Project 760279 - Continuation)

\$86,300.00 - National Science Foundation, Washington, D. C., Electromagnetic Scattering Properties of Hydrometeors and Their Application to Radar Meteorology, Department of Electrical Engineering (T. A. Seliga), 1 July 1978 through 30 June 1979. (Project 760641 - Continuation)

\$85,312.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., The Columbus Area Reading Academy, College of Social Work (B. Cantrell), 1 September 1978 through 31 August 1979. (Project 760486 - Continuation)

\$79,922.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, The Role of Oxygen Radicals on Effector/Tumor Cells, Department of Medicine (A. L. Sagone), 1 September 1978 through 31 August 1979. (Project 761287 - New)

\$78,580.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Hypocholesterolemic Agents: Stereochemical Studies, College of Pharmacy (D. T. Witiak), 1 September 1978 through 31 August 1979. (Project 762769 - Continuation)

\$77,747.00 - National Science Foundation, Washington, D. C., An Experimental Analysis of a Predator-Prey System, Department of Zoology (R. A. Stein and S. B. Cook), 1 October 1978 through 30 September 1980. (Project 760843 - Continuation)

\$74,354.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Grant in Support of the Administration of the Cooperative Education Program at The Ohio State University, Department of Mechanical Engineering (W. L. Starkey), 1 September 1978 through 31 August 1979. (Project 761269 - Continuation)

\$70,000.00 - National Science Foundation, Washington, D. C., Genome Organization and Control of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 September 1978 through 31 August 1980. (Project 761252 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$69,957.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Pain Mechanisms After Spinal Cord Lesions, Department of Anatomy (J. C. Bresnahan), 1 September 1978 through 31 August 1979. (Project 761283 - New)

\$68,690.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover, Department of Physiological Chemistry (L. A. Horrocks), 1 August 1978 through 31 July 1979. (Project 711354 - Continuation)

\$68,286.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Mitochondrial Transmission Genetics, Department of Genetics (C. W. Birky and P. S. Perlman), 1 August 1978 through 31 July 1979. (Project 760122 - Continuation)

\$67,121.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Development of Prostaglandin System Antagonist, Department of Physiological Chemistry (H. W. Sprecher), 15 August 1978 through 14 August 1981. (Project 761288 - New)

\$64,406.00 - National Science Foundation, Washington, D. C., Theory of Social Impact, Department of Psychology (B. Latane), 1 September 1978 through 31 August 1979. (Project 760845 - Continuation)

\$60,224.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Developmental Biology - Interdisciplinary, Department of Zoology (R. A. Tassava), 1 July 1978 through 30 June 1979. (Project 760744 - Continuation)

\$54,164.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, Washington, D. C., Electrocatalysis of Oxygen Using Water Soluble Metal Porphyrins and Chemically Modified Porphyrin Electrodes, Department of Chemistry (T. Kuwana), 1 September 1978 through 31 August 1979. (Project 761254 - New)

\$52,544.00 - National Science Foundation, Washington, D. C., The Systematics and Chemistry of Compositae of the Juan Fernandez Islands, Department of Botany (T. F. Stuessy), 1 October 1978 through 30 September 1980. (Project 761267 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$52,222.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Polyfunctional Catalysis, Department of Chemistry (J. Hine), 1 August 1978 through 31 July 1979. (Project 760064 - Continuation)

\$51,725.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spectroelectrochemistry of Bio-Electron Transfers, Department of Chemistry (T. Kuwana), 1 September 1978 through 31 August 1979. (Project 763359 - Continuation)

\$51,083.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1978 through 31 August 1979. (Project 760026 - Continuation)

\$48,825.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Foreign Language and Area Fellowships, Graduate School (J. B. LaPidus), 1 July 1978 through 30 June 1979. (Project 761270 - New)

\$48,660.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Surface Differentiation of Developing Hemic Cells, Department of Anatomy (G. A. Ackerman), 1 September 1978 through 31 August 1979. (Project 761280 - New)

\$48,574.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, Washington, D. C., Cardiovascular, Renal and Respiratory Effects of High Intensity, Intermediate Duration, Low Frequency Vibration, Departments of Aeronautical and Astronautical Engineering (R. M. Nerem) and Surgery (F. J. Cornhill), 1 October 1978 through 30 September 1979. (Project 760719 - Continuation)

\$47,903.00 - Department of Health, Education and Welfare, Region V Office, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Services Training Grant (Traineeship), College of Social Work (R. O. Washington), 1 July 1978 through 30 June 1979. (Project 761265 - New)

\$45,543.00 - Environmental Protection Agency, Chicago, Illinois, Monitoring for the Maumee River Basin Pilot Watershed Study, Department of Agronomy (T. L. Logan), 1 July 1978 through 30 June 1979. (Project 761230 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$44,540.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Clinical Implications of Vergence-Anomaly, College of Optometry (R. Jones), 1 August 1978 through 31 July 1979. (Project 761249 - New)

\$44,519.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, Boulder, Colorado, Multiple Scattering of Centimeter and Millimeter Waves in Precipitating Media, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan) and Engineering Experiment Station (T. A. Seliga), 1 September 1978 through 31 August 1979. (Project 761261 - New)

\$44,037.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Isolation and Genetic Analysis of Sporulation Genes, Department of Microbiology (D. H. Dean), 1 August 1978 through 31 July 1979. (Project 761218 - New)

\$40,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Sonar Scattering Cross Section and Resonances of Elastic and Viscoelastic Objects Immersed in Water, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 October 1978 through 30 September 1979. (Project 761251 - New)

\$39,356.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Sound Transmission in Lung, Department of Veterinary Physiology and Pharmacology (D. A. Rice), 1 August 1978 through 31 July 1979. (Project 760728 - Continuation)

\$34,798.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Comparative Metabolism Study of Pah Analogues, Department of Pharmacology (L. K. Wong), 1 August 1978 through 31 July 1979. (Project 761258 - New)

\$34,681.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biochemical Applications of Osmium Chemistry, Department of Biochemistry (E. J. Behrman), 1 September 1978 through 31 August 1979. (Project 760123 - Continuation)

\$34,571.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion Neurochemical Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 1 September 1978 through 31 August 1979. (Project 761266 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,363.00 - Department of Health, Education and Welfare, Region V Office, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Services Training Grant (Teaching), College of Social Work (R. O. Washington), 1 July 1978 through 30 June 1979. (Project 761264 - New)

\$26,655.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, Washington, D. C., Perceptual-Motor Limitations in Tracking Discontinuous Inputs, Department of Psychology (R. Jagacinski), 15 September 1978 through 14 September 1979. (Project 761260 - New)

\$25,000.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Advanced Numerical Optical Concepts, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 18 August 1978 through 18 November 1978. (Project 760625 - Continuation)

\$21,402.00 - Department of Health, Education and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication (E. J. Hardick), 1 September 1978 through 31 August 1979. (Project 760885 - Continuation)

\$16,574.00 - Department of Health, Education and Welfare, Office of Human Development, Rehabilitation Services Administration, Washington, D. C., Teaching Grant in Occupational Therapy, School of Allied Medical Professions (H. K. Grant), 1 September 1978 through 31 August 1979. (Project 760839 - Continuation)

\$14,997.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Departments of Aviation (R. D. Gilson) and Psychology (R. J. Jagacinski), 1 July 1978 through 30 September 1978. (Project 760476 - Continuation)

\$11,500.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Techniques for Optical Power Limiting, Department of Electrical Engineering, ElectroScience Laboratory (J. Meadors), 25 August 1978 through 18 January 1979. (Project 760547 - Continuation)

\$11,500.00 - Department of Health, Education and Welfare, Office of Human Development, Region V, Office of Rehabilitation Services, Chicago, Illinois, Traineeships in Occupational Therapy, School of Allied Medical Professions (H. K. Grant), 1 September 1978 through 31 August 1979. (Project 760838 - Continuation)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Electronic Search Technology Applicable to the SETI (Search for Extraterrestrial Intelligence) Program, Department of Electrical Engineering (J. D. Kraus and R. S. Dixon), 1 August 1978 through 31 July 1979. (Project 760413 - Continuation)

\$8,688.00 - Department of Health, Education and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy, School of Allied Medical Professions (F. M. Pierson), 1 September 1978 through 31 August 1979. (Project 760804 - Continuation)

\$5,000.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 September 1978 through 31 January 1979. (Project 760628 - Continuation)

\$3,880.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, FT-Infrared Spectroscopy of Heart Muscle Energetics, Department of Physiological Chemistry (J. S. Rieske), 1 June 1978 through 30 November 1978. (Project 764200 - Continuation)

\$2,256.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Extending the Geometrical Theory of Diffraction Using the Moment Method, Department of Electrical Engineering, ElectroScience Laboratory (G. A. Thiele), 1 September 1978 through 30 September 1978. (Project 761245 - New)

\$2,000.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Design and Synthesis of Fraudulent Sugars Related to Daunomycin, Department of Chemistry (D. Horton), 30 June 1978 through 30 September 1978. (Project 760282 - Continuation)

\$1,735.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, A Search for Variations in the Spectrum of γ Cassiopeia, Department of Astronomy (A. E. Slettebak), 15 August 1978 through 14 August 1979. (Project 761253 - New)

\$42.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Energy Output and Efficiency of Left Ventricle, Department of Physiology (H. P. Pieper), 1 June 1977 through 31 May 1978. (Project 764403 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$4,413,892.00

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$100,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science (R. L. Racster), 1 July 1978 through 30 June 1979. (Project 761257 - New)

\$49,032.00 - State of Ohio, Division of Mental Retardation and Developmental Disorders, Columbus, Ohio, Development and Demonstration of a Habilitative Program for Disturbed Retarded Institutional Residents, Nisonger Center for Mental Retardation (B. Edmonson), 1 August 1978 through 30 June 1979. (Project 761247 - New)

\$30,287.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, Clinicopathological Study of Aging and Dementia, Department of Pathology (L. Liss), 1 September 1978 through 30 June 1979. (Project 761276 - New)

\$22,000.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Multifactorial Educational Assessment of Severely Profoundly Retarded Children, Academic Faculty of Exceptional Children (J. L. Collins) 1 May 1978 through 30 November 1978. (Project 761232 - New)

\$19,999.00 - State of Ohio, Advisory Council for Vocational Education, Columbus, Ohio, Analysis of Services Provided for Handicapped Students Enrolled in Vocational Education Programs in Ohio, The Center for Vocational Education (R. E. Taylor), 1 June 1978 through 31 May 1979. (Project 761136 - New)

\$15,060.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Impact of the Nematode Parasite *Eustrongylides tubifex* on Yellow Perch in Lake Erie, Department of Zoology (J. L. Crites) and Center for Lake Erie Area Research, College of Biological Sciences (J. Reutter), 24 July 1978 through 23 July 1979. (Project 761248 - New)

\$14,991.00 - The Ohio Program in the Humanities, Columbus, Ohio, Human Values in an Institution for Older Americans, Department of Psychology (R. Scott), 23 June 1978 through 31 May 1979. (Project 761246 - New)

\$12,000.00 - State of Ohio, Department of Transportation, Columbus, Ohio, The Transportation of Hazardous Materials: A Feasibility Study, The Center for Vocational Education (R. E. Taylor), 1 July 1978 through 31 January 1979. (Project 761207 - New)

\$1,307.00 - The Ohio Program in the Humanities, Columbus, Ohio, Proud Black Images: Radio Presentations, Department of Black Studies (C. Nesbitt), 31 July 1978 through 31 July 1979. (Project 761256 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$605.00 - State of Ohio, Department of Energy, Columbus, Ohio, Energy Exhibit at the Farm Science Review, Cooperative Extension Service (G. Gist), 23 August 1978 through 30 September 1978. (Project 761282 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$265,281.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$129,600.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1978 through 30 June 1979. (Project 760113 - Continuation)

\$25,000.00 - City of Columbus, Department of Finance, Management Services Division, Columbus, Ohio, Quality of Working Life Demonstration Effort in Columbus, Academic Faculty of Labor and Human Resources (D. M. Ronchi), 23 August 1978 through 22 August 1979. (Project 760790 - Continuation)

\$24,200.00 - National Foundation March of Dimes, White Plains, New York, Regulation of Dihydrofolate Reductase Gene Expression in Resting and Growing Fibroblasts, Department of Biochemistry (L. F. Johnson), 1 September 1978 through 31 August 1979. (Project 761289 - New)

\$17,500.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination: The Effect of Age, Institute for Research in Vision (O. M. Blackwell and H. R. Blackwell), 1 July 1978 through 30 June 1979. (Project 760716 - Continuation)

\$15,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Institute for Research in Vision (S. W. Smith), 1 July 1978 through 30 June 1979. (Project 760717 - Continuation)

\$13,956.00 - Phi Delta Kappa, Bloomington, Indiana, Lecturer in Residence - Climate on Learning, College of Education (D. P. Anderson), 1 October 1978 through 30 June 1979. (Project 761263 - New)

\$12,370.00 - City of Dayton, Office of Management and Budget, Dayton, Ohio, Municipalities and Energy Emergency Contingency Planning, College of Law (P. M. Gerhard) and Program for Energy Research, Education and Public Service, Graduate School (W. B. Moreland), 2 August 1978 through 1 February 1979. (Project 761281 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$9,880.00 - Otterbein College, Westerville, Ohio, Assistance with Administration, Counseling, Programmatic and Training Services, Academic Faculty of Special Services (R. F. Rodgers), 28 August 1978 through 15 June 1979. (Project 761279 - New)

\$6,498.00 - Electric Power Research Institute, Palo Alto, California, Two-Phase Fluid Scanning Gamma-Ray Densitometer, Department of Mechanical Engineering (P. A. Schlosser and F. A. Kulacki), 16 May 1978 through 30 September 1978. (Project 760796 - Continuation)

\$6,000.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Role of Adenosine Deaminase in Normal Immune Function and Malignancy, Department of Medicine (M. Grever and S. P. Balcerzak), 1 July 1978 through 30 June 1979. (Project 761259 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Complement in Acute Leukemia: Its Role in Host Defenses Against Leukemia Cells and Bacteria, Department of Medicine (E. Kraut), 1 July 1978 through 30 June 1979. (Project 761262 - New)

\$5,438.00 - Mississippi State Department of Education, Jackson, Mississippi, Technical Assistance for Leadership Development Conference in Career Education/Career Guidance for State Department of Education Personnel, The Center for Vocational Education (R. E. Taylor), 1 July 1978 through 31 August 1978. (Project 768002 - New)

\$4,100.00 - Otterbein College, Westerville, Ohio, Assistance with Administration, Programming, and Policy Analysis, Academic Faculty of Special Services (R. F. Rodgers), 7 September 1978 through 7 June 1979. (Project 761278 - New)

\$2,875.00 - The Procter and Gamble Company, Cincinnati, Ohio, An Animal Model for the Study of Osteosarcoma in Man; MSV-M-Induced Bone Tumor in the NIH Black Rat, Department of Veterinary Pathobiology (C. C. Capen), 1 January 1978 through 31 March 1979. (Project 760558 - Continuation)

\$2,800.00 - Montgomery County School District, County Government Plaza, Dayton, Ohio, Applied Behavior Analysis in Classroom Setting for Moderately and Severely Handicapped, Academic Faculty of Exceptional Children (P. A. Looney), 1 April 1978 through 30 June 1978. (Project 761275 - New)

\$2,400.00 - 70001 Ltd., Newark, Delaware, Technical Assistance, The Center for Vocational Education (R. E. Taylor), 1 August 1978 through 31 August 1978. (Project 768015 - New)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$2,100.00 - Iowa State Department of Education, Bettendorf, Iowa, Technical Assistance, The Center for Vocational Education (R. E. Taylor), 1 August 1978 through 31 August 1978. (Project 768016 - New)

\$1,712.00 - The Christ Hospital, Cincinnati, Ohio, Technical Assistance, The Center for Vocational Education (R. E. Taylor), 1 July 1978 through 31 July 1978. (Project 768001 - New)

\$1,000.00 - Muscular Dystrophy Association, Inc., New York, New York, Correlation of Morphology and Axoplasmic Transport in the Dying-back Process of Peripheral Nerve Degeneration, Department of Medicine (J. Mendell and Z. Sahenk), 1 July 1978 through 30 June 1979. (Project 760978 - Continuation)

\$210.00 - Elkhart Teacher Center, Elkhart, Indiana, Technical Assistance, The Center for Vocational Education (R. E. Taylor), 1 August 1978 through 31 August 1978. (Project 768017 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$288,639.00
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ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$24,458.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Development and Evaluation of Procedures to Assess Accuracy and Precision of the Ohio Skid Measurement Systems, Department of Industrial and Systems Engineering, August 1, 1978 through January 31, 1979. (EES 585/529065)

Industrial and Other Sponsored Research

\$22,038.00 - City of Columbus, Columbus, Ohio, for Elimination of Filamentous Blue-Green Algae at the Southerly Sewage Treatment Plant, Department of Civil Engineering, October 12, 1978 through October 11, 1979. (EES 547/529027, Extension 2)

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More

\$50,000.00 - Battelle Memorial Institute, Columbus, Ohio, for Battelle/Ohio State University Partnership in Engineering Education Fund.

\$41,506.00 - Estate of William N. Carson, Schenectady, New York, for the Dr. William Marshall MacNevin Memorial Fund.

\$35,000.00 - Wolfe Associates, Inc., Columbus, Ohio, for the Judson D. Wilson Professorship in Orthopedic Surgery.

\$25,000.00 - The Ford Foundation, New York, New York: \$13,250.00 for the Professional Studio Training in the Visual Arts Fund and \$11,750.00 for the Professional Training in the Visual Arts Scholarship Fund.

\$16,617.23 - Consolidated Business Services, Inc., Columbus, Ohio, for the Department of Medicine General Fund.

\$15,730.58 - Systems Associates, Columbus, Ohio: \$8,154.27 for the Department of Medicine General Fund and \$7,576.31 for the Cardiology Support Fund.

\$14,150.00 - The Refractories Institute, Pittsburgh, Pennsylvania, for the Refractories Institute Research Fund.

\$13,000.00 - The City Loan and Savings Company, Lima, Ohio, for the WOSU Support Fund.

\$12,000.00 - Mansfield OSU Campus Fund, Mansfield, Ohio, for the Mansfield Campus Scholarship Fund.

\$10,500.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund for scholarships in the College of Medicine.

\$10,122.00 - John P. Courtright, Marion, Ohio, for the Student Athlete Grant-In-Aid Fund.

\$10,000.00 - Dr. John Peter Minton, Columbus, Ohio, for the Cancer Research Fund - Dr. Minton.

\$10,000.00 - Ohio Florists Association Fellowship Fund, Columbus, Ohio, for the Ohio Florists Association Fellowship Fund.

\$10,000.00 - Ross Laboratories, Columbus, Ohio, for the Gastrointestinal Cancer Research Fund.

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$8,439.37 - Frederick H. Davidorf, M.D., Inc., Columbus, Ohio (given in the name of Frederick H. Davidorf, M.D.): \$7,439.37 for the Retina Research Fund and \$1,000.00 for the Ophthalmology Art Work Fund.

\$6,454.07 - Westfield Companies, Westfield, Ohio, for the Ohio 4-H Foundation Support Fund.

\$6,340.00 - The Ohio Historical Society (given in the name of H. Lee Mathews, Worthington, Ohio), for the Marketing Faculty Support Fund.

\$6,160.50 - Robert T. Ewing Charitable Trust, Monroe, Michigan, for the College of Medicine Progress Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for the Center for Economic Education.

\$6,000.00 - Difco Laboratories, Detroit, Michigan, for the Infectious Disease Research Fund.

\$5,753.86 - Richard H. Keates, M.D., Inc., Columbus, Ohio (given in the name of Richard H. Keates, M.D.), for the Eye Bank Fund.

\$5,400.00 - Marion Area College Foundation, Inc., Marion, Ohio, for the Marion Campus Scholarship Fund.

\$5,075.46 - The Grand Chapter of Ohio, Order of the Eastern Star, New Lexington, Ohio, for the Cancer Research Fund - Dr. Minton.

\$5,000.00 - Grand Chapter, Phi Beta Psi Sorority, Lima, Ohio, for the Cancer Research Fund - Dr. Minton.

\$5,000.00 - Chauncey D. Leake and Elizabeth W. Leake Trust, San Francisco, California, for the Chauncey D. Leake and Elizabeth W. Leake Alternate Year Lecture/Student Essay Award.

Establishment of Named Funds

The Robert Watson Scholarship Fund

The Robert Watson Scholarship Fund was established October 6, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Lily G. Watson, of Columbus, Ohio.

October 6, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Robert Watson Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for deserving undergraduate boys in the College of Agriculture and Home Economics who are enrolled and studying in the Department of Animal Science. Each scholarship shall be for an amount sufficient to pay matriculation, tuition, laboratory or breakage, and any other necessary fees for a period of two (2) years. The selection of the recipient is to be made upon the recommendation of the Department of Animal Science and the Dean of the College of Agriculture and Home Economics in cooperation with the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for animal science education.

The Rodger and Donellda Maddex Scholarship in Nursing

The Rodger and Donellda Maddex Scholarship in Nursing was established October 6, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Karen S. Maddex, B.S.Nurs. '72, in memory of her parents Rodger and Donellda Maddex.

All gifts are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The income is to be used to provide one or more scholarships to students enrolled in the School of Nursing who have demonstrated academic ability and need for financial assistance. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Director of the School of Nursing.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the appropriate administrative official of the University who is directly responsible for nursing education.

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October 6, 1978 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECTS/ENGINEERS

CLASSROOM IMPROVEMENTS

Resolution No. 79-44

Synopsis: Improvements to meet needs of occupants.

WHEREAS a survey by the Scheduling Office was made of classrooms and lecture halls in older buildings and it was found that many need improvements to meet contemporary standards; and

WHEREAS the available funds will be used to improve as many of the selected rooms as possible in the Botany and Zoology Building, Campbell Hall, Denney Hall, Hagerty Hall, Evans Laboratory, Hitchcock Hall, Lazenby Hall, Smith Laboratory, Ramseyer Hall, Mendenhall Laboratory, Sullivant Hall, Welding Engineering Building and McPherson Laboratory; and

WHEREAS the improvements will include work related to improved lighting, acoustical treatment, chalkboards, lecture platforms, seating, teaching aids, improved flooring and improvements in the visual and thermal environments:

NOW THEREFORE

BE IT RESOLVED, That the firm of Wandel & Schnell, Architects, of Columbus, Ohio, be employed to provide complete architectural services for this project, including the preliminary plans, basic drawings, specifications, estimates of cost, necessary bidding documents, and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost being \$300,000 with funds provided from Amended Substitute House Bill 618, Utilities and Renovation 1977-79 Biennium.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY)

Resolution No. 79-45

Synopsis: Expansion of oral surgery area to meet expanded enrollment and patient requirements.

WHEREAS the College of Dentistry's Oral and Maxillofacial Surgery is presently located in Rooms 2132 and 2105 of Wendell Postle Hall and oral surgery enrollment needs cannot

October 6, 1978 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECTS/ENGINEERS (contd)

DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY) (contd)

be met at present because of the limited provision of eight chairs and support space, the proposed renovation of approximately 4,000 square feet of space in Rooms 2105, 2121 and 2132 is intended to provide an additional nine clinic chairs and to alter and renovate two surgery areas, a surgery recovery suite and the department's administrative area; and

WHEREAS the renovation is needed for several reasons

To expand number of operations commensurate with instruction and service demands,

To provide facilities which permit and encourage the best dental practice,

To provide better patient service,

To reduce encroachment on other program space, and

To respond to recommendations of the accreditation committee of the Council of Dental Education:

NOW THEREFORE

BE IT RESOLVED, That the firm of John S. Coke and Associates of Columbus, Ohio be employed to provide complete architectural services for this project, including the preliminary plans, basic drawings, specifications, estimates of cost, necessary bidding documents, and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost being \$127,000 with funds provided from Amended Substitute House Bill 618, Utilities and Renovation 1977-79 Biennium.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the foregoing resolution was adopted by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 79-46

Synopsis: Plans and specifications have been completed for two projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of material and estimates of cost for the following projects are presented for approval:

October 6, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ENERGY MODIFICATIONS TO BUILDINGS (PROJECT I)

Project: Energy reducing modifications to buildings based on completed detailed energy reports. The work includes reducing air volumes and fan power and controls by time clocks and non-hazardous exhaust, reduced equipment operating hours, and various control changes to reduce the heating and cooling of outdoor air entering buildings, and providing outdoor air for natural cooling when feasible. The base bid includes modifications to be accomplished in Postle Hall, Fawcett Center for Tomorrow, and Caldwell Laboratory. Alternate bids for additional similar modifications will be taken for work in the Law Building, Newton Hall, Mansfield Campus, Marion Campus, Scott Hall, West Hall and Laboratory Animal Facilities.

The overall average payback in energy savings will be accomplished in approximately two years from the work involved on this project.

Funding: H.B. 618 (Utilities and Renovation 1977-79 Biennium)

Estimated Project Cost: \$510,000.00

ENERGY MODIFICATIONS TO BUILDINGS (PROJECT II)

Project: This project involves installation of electrically driven water chillers in Graves Hall and Baker Systems Engineering to combine with existing steam-power absorption chiller machines which will permit selection of the most economical energy source. Since both of these plants in Graves Hall and Baker Systems Engineering are required to operate 24 hours per day, the provision of the most efficient fuel selection resulting from this project work will provide a payback in savings of energy in approximately five years. The Evans Laboratory request as an alternate bid, includes recovering of heat from the large volume of chemical hood exhaust to provide a heating source for heating the outdoor make-up air.

Funding: H.B. 618 (Utilities and Renovation 1977-79 Biennium)

Estimated Project Cost: \$480,000.00

October 6, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ENERGY MODIFICATIONS TO BUILDINGS (PROJECT II) (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

Upon motion of Mr. Devenow, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 79-47

Synopsis: Contracts have been awarded for three projects to the lowest and best bidders in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Vice President for Business and Administration to request bids and recommend award of contracts, in accordance with the established University procedures for each of the following projects:

NINTH AVENUE PARKING RAMP

Description: This project will provide for a parking ramp for approximately 1,088 vehicles. The ramp will be located west of Neil Avenue in the block bounded by Ninth Avenue, Eighth Avenue, Belmont Avenue and Michigan Avenue.

Date Received:	August 30, 1978
No. of Bids:	7
Low Bid:	\$3,560,800.00*
High Bid:	\$4,486,800.00*
Estimate of Cost:	\$4,128,000.00*

*Recommended alternates reflected in this figure.

October 6, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

NINTH AVENUE PARKING RAMP (contd)

Awarded to:	J. P. O'Connor Company (Columbus, Ohio)
Total Contract:	\$3,560,800.00*
Total Contingency Allowance:	\$ 51,396.00 which is 1 per cent of construction costs
Total Project Cost:	\$4,450,000.00**
Funding:	Budget Account 882029 (Ninth Avenue Parking Ramp)

*Recommended alternates reflected in this figure.

**Total project cost also includes money for the plumbing and electrical work necessary; the Design/Construct Contract includes provisions for design of electrical and plumbing work which will allow for bidding through the Division of Public Works. After acceptable bids are received, this work will be assigned to the Design/Construct Contractor.

WEST CAMPUS - PARKING LOT REPAIR AND RESURFACING

Description: Repair and surface treat existing parking lot south of Carmack Road.

Date Received:	September 7, 1978
No. of Bids:	5
Low Bid:	\$ 69,909.00
High Bid:	\$138,314.00
Estimate of Cost:	\$112,500.00
Awarded to:	Baker Construction Company (Columbus, Ohio)
Total Contract:	\$ 69,909.00
Total Contingency Allowance:	\$ 6,990.90 which is 10 per cent of construction costs
Total Project Cost:	\$ 79,798.08
Funding:	Budget Account 885071 (Parking Revenues)

October 6, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

GOLF COURSE - REPLACEMENT OF PEDESTRIAN BRIDGE

Description: Replacement of pedestrian bridge at the No. 6 Scarlet tee and No. 7 Gray tee due to deterioration.

Date Received:	September 18, 1978
No. of Bids:	1
Low Bid:	\$41,673.00
Estimate of Cost:	\$43,800.00
Awarded to:	The Righter Company, Inc. (Columbus, Ohio)
Total Contract:	\$41,673.00
Total Contingency Allowance:	\$ 2,000.00 which is 4 per cent of construction costs
Funding:	Budget Account 316550 (Athletic Department Funds)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the previous actions of the Board, construction projects were bid, contracts were recommended for award, the establishment of contingency funds, and the expenditures of project funds are hereby reported.

Dr. Sirak:

I have a question. Why is the contingency allowance sometimes four per cent, sometimes one per cent, sometimes ten per cent--what determines that percentage, Tom?

Mr. Thomas Smith:

Well on a remodeled job in an existing building, it's impossible to determine everything you are going to run into when you knock into a wall which you want to take out, you might find things in there that were never suspected.

Dr. Sirak: Don't your plans show them?

Mr. Thomas Smith:

Plans have been lost in some of them. If the building were built in 1916 or 1908 or 1928, the chances of the plans--even if we have the original building plans--

October 6, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

being up-to-date are extremely remote, so there are reasons for higher contingency allowances on old buildings. An item like the bridge, it is possible that there are foundation problems, perhaps with one of the existing piers which we do not know about until the water level is lowered, so the contingency here is fairly high, \$2,000 on a project of \$40,000.

Dr. Sirak:

Well, let me ask you further. How do you settle on four per cent? Why isn't it five per cent, or two per cent?

Dr. Moulton: Past experience.

Mr. Devenow: We've gone through that for four years now.

Dr. Moulton:

I think the record will show that seldom have we found it necessary to come back on a contingency although we have cut fairly close. Recently there has only been one project where we have had some difficulty with contingencies--the Music School addition. As the contractor got into the foundation he discovered under the old Armory which had been torn down that there was a swimming pool that was apparently covered over 60 or 70 years ago. This created a foundation problem. So there are circumstances that do develop that a contingency can't cover. Contingencies are built upon past experience and usually cover a moderate number of unauthorized expenditures. If the contingency is not used, the contingency can then be allocated to other priority items of the project.

Mr. Gushman: It's against the rule to save it?

Dr. Moulton:

You can save it and give it back to the State and in certain circumstances we have.

Dr. Sirak: I wouldn't mind.

Mr. Devenow:

But I think this is a bone of contention, I don't think we can blame Ned for this.

Dr. Sirak: I'm not blaming anybody, I'm just asking.

Mr. Devenow:

You have had this problem continually, haven't you? I think what Howard's looking for is some way you can put some parameters on it a little more definitive actually.

October 6, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

Mr. Thomas Smith:

The parameters that we have are based upon past judgment and as a remodeling job, I would think it would seldom reach ten per cent but it might be five or six. A real clean job might be two per cent, but I think those would be the normal range and depending upon . . .

Dr. Sirak: There was a one per cent in here . . .

Mr. Devenow: You mean we are very fortunate that they are not all ten per cent?

Mr. Thomas Smith: Right.

Dr. Sirak: OK, I guess.

President Enarson:

There is always the possibility of cemeteries and a lot of skeletons, too, that we could uncover.

Mr. Thomas Smith:

In the old Armory when we did look at the original plans about 1890 some, it was not called a swimming pool--it was a plunge.

Dr. Sirak: It was moved and seconded, could I have a roll call vote?

Upon motion of Dr. Jacob, seconded by Mr. Havens, the foregoing resolution was adopted by unanimous roll call vote.

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**LEASE OF LAND - DON SCOTT FIELD
ADDENDUM NO. 3 TO MALSR SYSTEM LEASE**

Resolution No. 79-48

Synopsis: Amendment to Lease No. DOT-FA73-GL-0318 is requested.

WHEREAS the Board of Trustees of The Ohio State University has received a request to amend Lease No. DOT-FA73-GL-0318 between the United States of America, Department of Transportation, Federal Aviation Administration, and the State of Ohio (The Ohio State University); and

October 6, 1978 meeting, Board of Trustees

**LEASE OF LAND - DON SCOTT FIELD
ADDENDUM NO. 3 TO MALSR SYSTEM LEASE (contd)**

WHEREAS said amendment to Lease No. DOT-FA73-GL-0318 provides for the addition of approximately sixteen square feet of land for the installation, operation and maintenance of a Cloud Height Indicator; and

WHEREAS it has been determined that the leasing of said land will not interfere with current or anticipated future use of adjacent University land:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in completing the necessary legal instrument providing for such amendment.

Upon motion of Mr. Havens, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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SALE OF PROPERTY - 370/158 MODEL U-35 IBM COMPUTER SYSTEM

Resolution No. 79-49

Synopsis: Sale of 370/158 Model U-35 IBM Computer System to Thomas Nationwide Computer Corp. is proposed.

WHEREAS in April, 1978 the Purchasing Department circulated invitations to bid for the purchase of a 370/158 Model U-35 IBM Computer System, Serial Number 23315 with modification, retained and used by University Systems and determined to be no longer necessary for the University's operation; and

WHEREAS in June, 1978 Thomas Nationwide Computer Corp. was notified that its bid had been accepted; and

WHEREAS sometime after the payment was due, Thomas Nationwide Computer Corp., for the first time requested, as a prerequisite to making payment, sundry title information and evidence of authority of University officials to execute certain requested documents relevant to the sale; and

WHEREAS in consideration for Thomas Nationwide Computer Corp.'s agreement to pay interest costs occasioned by delay resulting from complying with its request, the University is willing to undertake to accommodate that request, to the extent possible, notwithstanding the fact that such undertaking was not reflected in the bid documents nor a condition of the purchase contract:

October 6, 1978 meeting, Board of Trustees

SALE OF PROPERTY - 370/158 MODEL U-35 IBM COMPUTER SYSTEM (contd)

NOW THEREFORE

BE IT RESOLVED, That the bidding procedures and sale reflected in the above recitations are hereby ratified and confirmed and the Vice President for Business and Administration and the Treasurer, or either of them, be and the same hereby are authorized to execute any and all documents, including a Bill of Sale, which in the opinion of legal counsel are reasonably necessary to consummate the sale and delivery of the aforesaid IBM computer to Thomas Nationwide Computer Corp.

Upon motion of Mr. Devenow, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Dr. Sirak:

It's been moved and seconded. I would like to put in the record a commendation to Dr. Moulton and his department for the excellent job they did in securing its sale and the manner in which they accomplished such a good resale price.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-50

RESOLVED, That the report on the University's Investment Portfolio dated September 15, 1978, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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REPORT - PROPERTY COMMITTEE

Dr. Vandament reported for the Property Committee whose members are Dr. Kuhn, Dr. Moulton, and Dr. Vandament on proposed improvements for four off-campus properties owned by the University.

After some discussion, Mr. Gushman proposed that the chairman appoint a committee of the Board to review the Barnebey Center operation. Dr. Sirak, in turn, appointed Mr. Galbreath and Mr. Smith to constitute such a review committee.

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REPORT - ENROLLMENT

President Enarson reported that a preliminary Autumn Quarter enrollment estimate shows a total enrollment of 55,816 students. While official figures will not be available until the

October 6, 1978 meeting, Board of Trustees

REPORT - ENROLLMENT (contd)

middle of October, the Columbus Campus estimate for the 14th day of the quarter was 51,306, 304 higher than in 1977. The estimate for the graduate student enrollment was up 278 to 9,418. The estimate for the non-Columbus campuses was set at 4,570 compared with last fall's 4,541.

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Thereupon the Board adjourned to meet Friday, November 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Howard D. Sirak
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 3, 1978

The Board of Trustees met at its regular monthly meeting on Friday, November 3, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Chester Devenow, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

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Minutes of the last meeting were approved.

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November 3, 1978 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

Present: Howard D. Sirak, Chairman, Chester Devenow, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-51

Synopsis: Resolutions honoring the service of one of this University's faculty members and a former member of the Board of Trustees who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Frederick W. Maguire

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 7, 1978, of Frederick W. Maguire, Professor Emeritus, School of Journalism. He was a faculty member at Ohio State for 24 years before his retirement in 1973.

A distinguished journalist and teacher, Professor Maguire was the recipient of two coveted national honors while he was editor-in-chief and assistant publisher of the *Lowell* (Mass.) *Telegram*: The Nieman Fellowship at Harvard University (awarded to only 10 newsmen in the U. S. annually) and the Sigma Delta Chi national award for courage in journalism.

While he was at Ohio State, the University's chapter of Sigma Delta Chi twice named him for the annual award for outstanding contributions to journalism.

Born in Berlin, New Hampshire, October 4, 1902, he grew to adulthood in Portland, Maine, where he attended high school.

Professor Maguire received his bachelor's degree from Dartmouth College and took graduate work at Harvard as a Nieman Fellow.

Before coming to Ohio State, he was a faculty member at Michigan State University.

November 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Frederick W. Maguire (contd)

During his career of more than 20 years as a journalist, Professor Maguire worked for the *Portland (Maine) Press Herald*, the *Brooklyn Eagle*, the *Boston Globe*, the *Louisville Courier Journal and Times*, and International News Service.

He was the author of numerous magazine articles and two books *A Study of the Massachusetts Legislature* and (with R. M. Spont) *Journalism and the Student Publication*.

Professor Maguire was a member of the American Association of University Professors, the American Political Science Association, the National Press Club (Washington, D. C.), Writers Guild of America, American Newspaper Guild, Sigma Delta Chi, and the Association for Education in Journalism.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family.

Smith L. Rairdon

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 27, 1978, of Smith L. Rairdon.

Mr. Rairdon gave many years of outstanding service to the University as a member and chairman of this Board, national president of the Alumni Association and member of the Association's Advisory Board. The University conferred upon him its Distinguished Service Award in 1965.

He was a former vice president and director of marketing for Owens-Illinois, Inc., of Toledo, serving as consultant on public affairs since his retirement in 1966.

He became district sales manager for Owens-Illinois in 1929 after five years with a predecessor firm. He was promoted to vice president of marketing administration in 1952, executive vice president in 1960 and to the Board of Directors in 1963. He also had been a director and vice president of National Petro Chemicals Corp. and a director of the Toledo Steel Tube Co.

He was a 1922 graduate of this University with a degree in business administration. His appointment as a trustee came in 1958 and he was Board chairman in 1964-65.

Mr. Rairdon headed Ohio State's alumni as national president from 1949-51 and was on the Association's Advisory Board for eight years.

He was a founder and former director of Keep America Beautiful, Inc., a national public service organization, and he was active also in other fraternal, service and health organizations.

November 3, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Smith L. Rairdon (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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BUDGET SUMMARY (FOURTH QUARTER, 1978)

Resolution No. 79-52

Synopsis: The fourth quarter summary report of the current funds budget is presented for review.

WHEREAS the fourth quarter report of the current funds budget for fiscal year ending June 30, 1978 is presented for review; and

WHEREAS it is noted that the actual budget/expenditures and income do not represent significant changes from those presented for the third quarter; i.e., the income varies from the third quarter estimates by 1.5 per cent and the budget expenditure figures by 0.6 per cent from the third quarter budget due primarily to slower than anticipated expenditure of restricted funds; and

WHEREAS for the Columbus campus the variations were 1.5 per cent and 0.7 per cent for income and budget expenditures, respectively; and

WHEREAS the differences between budget/expenditures and income totals, due primarily to normal cash flow fluctuations, and capital expenditure replacements were less than 0.1 per cent:

NOW THEREFORE

BE IT RESOLVED, That the budget report for the fourth quarter, including transfers to plant funds processed for the fiscal year ending June 30, 1978, be accepted.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

November 3, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
Current Funds Budget
Total Expenditures/Commitments
(In Thousands)

	Estimated 1977-78	Actual 1977-78
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$134,558	\$133,080
Libraries	7,364	7,524
Other Academic Support	2,464	2,047
Sponsored Programs Administration	2,102	2,005
Student Services	7,038	7,171
Plant Operation and Maintenance	22,826	22,755
Institutional Support	14,081	14,059
Total Instruction and General	\$190,433	\$188,641
Research		
Research Foundation	\$ 24,195	\$ 20,205
Engineering Experiment Station	1,818	1,518
University Sponsored Programs	731	938
Other	2,121	3,094
Total Research	\$ 28,865	\$ 25,755
Public Service		
University Hospitals	\$ 72,727	\$ 75,057
Cooperative Extension Service	17,925	17,959
Other	16,119	14,737
University Sponsored Programs	2,353	2,675
Conferences	2,160	2,183
Total Public Service	\$111,284	\$112,611
Student Aid	\$ 5,417	\$ 5,430

November 3, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
Current Funds Budget
Total Expenditures/Commitments
(In Thousands)

	Estimated 1977-78	Actual 1977-78
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 17,932	\$18,009
Intercollegiate Athletics	7,620	8,131
University Bookstores	4,467	4,350
Student Health Service	2,262	2,185
Student Unions	2,419	2,324
Parking Facilities	2,405	2,584
University Airport	1,688	1,934
Fawcett Center for Tomorrow	1,268	1,348
Other	1,147	1,244
Total Auxiliaries	\$ 41,208	\$ 42,109
TOTAL COLUMBUS CAMPUS	\$377,207	\$374,546
Regional Campuses		
Administration	\$ 171	\$ 150
Lima Campus	2,046	2,208
Mansfield Campus	2,219	2,358
Marion Campus	1,313	1,280
Newark Campus	2,023	1,874
Agricultural Technical Institute	2,233	2,282
Wright Patterson Graduate Center	175	163
TOTAL REGIONAL CAMPUSES	\$ 10,180	\$ 10,315
GRAND TOTAL	\$387,387	\$384,861

November 3, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
Current Funds Budget
Income to Support Budgets
(In Thousands)

	Estimated 1977-78	Actual 1977-78
Columbus Campus		
Government Appropriations		
State of Ohio	\$128,977	\$128,347
Federal	47,317	45,362
Other Governmental	5,231	5,326
Subtotal	\$181,525	\$179,035
Student Fees		
Instruction and General	\$ 54,150	\$ 54,222
Room and Board	15,028	15,095
Other	2,430	2,681
Subtotal	\$ 71,608	\$ 71,998
Other Income		
Auxiliary Sales and Charges	\$ 90,006	\$ 89,100
Department and University Services	18,270	15,782
Endowment Income	2,676	3,162
Gifts and Grants	12,382	11,842
Temporary Investments	2,600	2,602
Subtotal	\$125,934	\$122,488
TOTAL COLUMBUS CAMPUS	\$379,067	\$373,521
Regional Campuses		
Lima Campus	\$ 2,398	\$ 2,476
Mansfield Campus	2,519	2,507
Marion Campus	1,506	1,432
Newark Campus	2,289	2,085
Agricultural Technical Institute	2,402	2,449
Wright Patterson Graduate Center	175	137
TOTAL REGIONAL CAMPUSES	\$ 11,289	\$ 11,086
GRAND TOTAL	\$390,356	\$384,607

November 3, 1978 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1977-78

Account Description	Account Number	Transferred from Account Number	Amount
Unexpended Plant Funds:			
University Activities Center	082005	077435	\$ 22,500.00
Means Hall Elevator	082006	019000	(100,558.24)
Hospital Chiller System	082007	019000	(3,608.95)
Means Hall - ICU	082009	019000	(105,297.51)
Hospital - ICU	082013	019000	150,000.00
Eleventh Avenue Ramp	082014	016007	400,000.00
Derby Hall - Bookstore	082017	014002	(159.13)
Platform Tennis Courts	082023	010000	(3,886.57)
Land Purchases	082027	010000	130,415.42
		016014	160,000.00
		016300	124,131.00
Ninth Avenue Ramp	082029	016007	30,000.00
Traffic Signals	082030	016007	60,000.00
Newark - Phase III	082031	010971	55,000.00
Scott Hall Fire	085037	010000	149,958.74
Parking Lots	085038	016007	9,873.00
Roofs - Hospital and Upham Hall	085040	019000	(37,820.88)
Dormitory Contingency Fund	085049	010000	34,686.13
Lima Campus - Remodeling	085050	010928	4,580.00
Derby and Administration Building	085062	010000	81,500.00
Lima - Phase II - Remodeling	085063	010928	37,700.00
Galvin Hall and Technical Lab.	085064	010928	50,000.00
Rhodes Hall	085065	019000	500,000.00
Public Safety Building	085067	016007	6,000.00
Mansfield Parking Area No. 5	085068	010942	110,600.00
Goss Laboratory	085069	059155	25,943.00
Lincoln Tower - University Systems	085070	010000	73,605.00
Parking Lot Repairs	085071	016007	400,000.00
Baker Systems Engineering Building	085075	010000	42,549.00
Ramseyer Hall	085076	010000	40,000.00
Total Unexpended Plant Funds			\$ 2,447,710.01
Reserves - Repair and Replacement:			
Registration Services	086904	010000	\$ 2,785.00
University Systems	086906	010000	3,610.00
Business Management	086907	010000	14,050.00
University Treasurer	086908	010000	2,517.00
Physical Facilities	086909	010000	109,109.82
Police	086910	010000	23,700.00

November 3, 1978 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1977-78 (contd)

Account Description	Account Number	Transferred from Account Number	Amount
Reserves - Repair and Replacement: (contd)			
Traffic and Parking	086911	016007	80,000.00
Food Facility	086912	014002	26,000.00
		014100	21,000.00
Stores	086913	014001	10,000.00
		014002	2,000.00
		014004	28,000.00
Laundry	086914	014004	145,000.00
Office Equipment Repair	086915	014003	19,000.00
Printing Facility	086916	014002	150,000.00
Transportation	086917	010000	8,119.85
		014004	15,000.00
Bookstore	086918	014002	15,000.00
		014100	30,000.00
Physical Facilities	086920	014010	126,966.08
		014011	108,020.00
University Airport	086921	011541	1,790.00
		016014	59,829.24
Meats Laboratory	086922	011072	18,018.61
Fire Safety	086923	010000	1,205.29
Housing Commission No. 1	086924	016101	845.00
Housing Commission No. 2	086925	016102	820.00
University Properties	086926	016300	1,031.00
Endowment Properties	086927	016300	17,000.00
		016350	32,579.75
North Campus Apartments	086928	016390	312.00
Property Management	086929	016015	2,000.00
University Properties	086930	016300	2,140.00
Endowment Properties	086931	016300	7,000.00
		016350	53,400.15
North Campus Apartments	086932	016390	5,720.50
Housing Commission No. 1	086933	016101	6,333.00
Housing Commission No. 2	086934	016102	4,615.00
Drake Union	086935	016005	20,000.00
Ohio Union	086936	016020	20,000.00
Bookstore	086937	016003	6,382.00
Telecommunications Center	086938	011064	500,000.00
Rathskeller	086939	014100	19,000.00
University Hospital	086995	019000	6,572,306.00
University Hospital	086998	019000	21,494.00
Total Reserves - Repair and Replacement			\$ 8,313,699.29
TOTAL TRANSFERS TO PLANT FUNDS			\$10,761,409.30

November 3, 1978 meeting, Board of Trustees

TRANSFERS TO PLANT FUNDS - FISCAL YEAR 1977-78 (contd)

-Recap-

Current Unrestricted Funds	\$10,712,966.30
Current Restricted Funds	25,943.00
Total Current Funds	\$10,738,909.30
Endowment and Similar Funds	22,500.00
TOTAL TRANSFERS TO PLANT FUNDS	\$10,761,409.30

November 3, 1978 meeting, Board of Trustees

DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT

Resolution No. 79-53

Synopsis: Approval is being requested for awarding degrees and certificates for Autumn Quarter Commencement.

WHEREAS pursuant to Paragraph (E) of Rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with Rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 8, 1978, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 79-54

Synopsis: Approval is requested for awarding honorary degrees.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to Rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of the honorary degrees as listed below:

Saul Krugman	Doctor of Science
Frank Ransom Strong	Doctor of Laws

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 3, 1978 meeting, Board of Trustees

**MOTOR VEHICLE, TRAFFIC AND PARKING REGULATIONS
OF THE OHIO STATE UNIVERSITY**

Resolution No. 79-55

Synopsis: Modification of Motor Vehicle, Traffic and Parking Regulations of The Ohio State University is being proposed.

WHEREAS on October 7, 1977 the Board adopted *Motor Vehicle, Traffic and Parking Regulations of The Ohio State University* as reviewed by legal counsel; and

WHEREAS there is a need to update these regulations and the Board is being requested to approve revisions in the *Motor Vehicle, Traffic and Parking Regulations of The Ohio State University*, relating to traffic and parking on the campus and a modified schedule of assessments for parking infractions:

NOW THEREFORE

BE IT RESOLVED, That the revised code of *Motor Vehicle, Traffic and Parking Regulations of The Ohio State University* be approved by the Board of Trustees.

Upon motion of Mr. Devenow, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF DEPARTMENT OF JUDAIC AND NEAR EASTERN
LANGUAGES AND LITERATURES AND ABOLISHMENT OF
DIVISION OF HEBREW LANGUAGE AND LITERATURE**

Resolution No. 79-56

Synopsis: Establishment of Department of Judaic and Near Eastern Languages and Literatures and Abolishment of Division of Hebrew Language and Literature are proposed.

WHEREAS the proposed grouping of the language and literature components in Arabic, Modern Greek, Persian, Turkish, Hebrew and Yiddish fulfills all requirements for departmental status as defined in Rule 3335-3-34 of the Administrative Code; and

WHEREAS the request for a Department of Judaic and Near Eastern Languages and Literatures has been approved by the College of Humanities, the Departments of Classics and Romance Languages and Literatures and the Division of Hebrew Language and Literature; and

WHEREAS the request for a Department of Judaic and Near Eastern Languages and Literatures is fully endorsed by the University Center for International Studies and by the Melton Center for Jewish Studies; and

November 3, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF DEPARTMENT OF JUDAIC AND NEAR EASTERN
LANGUAGES AND LITERATURES AND ABOLISHMENT OF
DIVISION OF HEBREW LANGUAGE AND LITERATURE (contd)**

WHEREAS the Council on Academic Affairs has voted and the University Senate recommends the formation of a new Department of Judaic and Near Eastern Languages and Literatures and in turn abolishment of the existing Division of Hebrew Language and Literature:

NOW THEREFORE

BE IT RESOLVED, That the proposal as approved by the University Senate on October 14, 1978, supporting the request to establish a Department of Judaic and Near Eastern Languages and Literatures in the College of Humanities and the abolishment of the Division of Hebrew Language and Literature, effective July 1, 1979, be adopted.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous voice vote.

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OHIO LEGAL CENTER INSTITUTE - CHANGE OF TRUSTEE

Resolution No. 79-57

Synopsis: Appointment of Trustee for the Ohio Legal Center Institute is recommended.

WHEREAS the Articles of Incorporation for the Ohio Legal Center Institute provide for nine individuals to serve as Trustees of this corporation; and

WHEREAS three trustees are to be appointed by the Board of Trustees of The Ohio State University to represent The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That Dean James E. Meeks be appointed a Trustee of the Ohio Legal Center Institute, effective immediately, to replace Professor Robert J. Nordstrom, who resigned from the faculty.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 79-58

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignation of Administrative Official, Appointments and Leaves of Absence Without Salary are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the October 6, 1978 meeting of the Board, including the following Resignation of Administrative Official, Appointments and Leaves of Absence Without Salary as detailed in the University Budget for 1978-79 be approved.

Resignation of Administrative Official

EDWARD H. BOWMAN has announced that he will resign as Dean of the College of Administrative Science, effective June 30, 1979. Dr. Bowman was appointed dean on September 1, 1974. He will return to the Sloan School of Management, Massachusetts Institute of Technology, as Professor of Management, effective July 1, 1979.

A search committee, chaired by Dr. Randolph Bobbitt, Professor of Management Science, has been appointed to recommend candidates for Dean Bowman's successor.

Appointments

Name: ARTHUR E. ADAMS
Titles: Vice Provost for Continuing Education, Office of Academic Affairs; and Professor, Department of History
Effective: November 1, 1978
Salary: \$43,200.00
Present Positions: Associate Provost, Office of Academic Affairs, and Professor, Department of History

Name: DONALD E. CRAWFORD
Title: Associate Vice Provost for Continuing Education
Office: Academic Affairs
Effective: November 1, 1978
Salary: \$38,280.00
Present Position: Assistant Vice President, Division of Continuing Education

Name: JAMES F. LOUCKS
Title: Assistant Vice President for Registration Services
Office: Registration Services
Effective: January 8, 1979
Salary: \$28,920.00
Present Positions: Associate Director, Newark Regional Campus, and Associate Professor, Department of English

November 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: MICHAEL WILLIAM CURRAN
Titles: Associate Dean, College of Humanities, and Associate Professor, Department of History
Effective: November 1, 1978
Salary: \$29,640.00
Present Positions: Acting Associate Dean, College of Humanities, and Associate Professor, Department of History

Name: HERBERT B. ASHER
Titles: Assistant Dean, College of Social and Behavioral Sciences, and Professor, Department of Political Science
Effective: October 16, 1978
Salary: \$28,532.80
Present Position: Professor, Department of Political Science

Name: WALTER BUNGE
Titles: Professor and Director
School: Journalism
Effective: July 1, 1979
Salary: \$41,520.00
Present Positions: Professor and Head, Department of Journalism and Mass Communication, Kansas State University, Manhattan, Kansas

Name: LONNIE H. WAGSTAFF
Titles: Professor and Chairman
Academic Faculty: Educational Administration
Effective: January 1, 1979
Salary: \$39,360.00
Present Position: Professor, Academic Faculty of Educational Administration

Leaves of Absence Without Salary

ALBERT L. CLOVIS, Professor, College of Law, effective October 1, 1978 through September 30, 1979, to serve as a visiting professor at the University of Virginia School of Law.

JAMES E. HARF, Professor, Department of Political Science, effective February 1, 1979 through September 30, 1979, to serve as a visiting professor at Duke University.

MICHAEL E. ROSE, Professor, College of Law, effective October 1, 1978 through September 30, 1979, to serve as a visiting professor of law in the graduate tax program at the College of Law, University of Florida.

November 3, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

BARBARA M. NEWMAN, Associate Professor and Chairman, Department of Family Relations and Human Development, and Associate Professor, Cooperative Extension Service, effective November 1, 1978 through November 30, 1978, for personal reasons.

MICHAEL JOHN PERRY, Associate Professor, College of Law, effective October 1, 1978 through September 30, 1979, to visit Yale University.

KENNETH R. SMITH, Associate Professor, Department of Zoology (Lima Campus), effective October 1, 1978 through September 30, 1979, to study at the National Training and Operational Technology Center, USEPA, in Cincinnati.

LARRY R. CAMP, Assistant Professor, Department of Art, effective October 1, 1978 through September 30, 1979, to accept an Art Ford Foundation Grant to paint in New York.

NANCY HARDIN ROGERS, Assistant Professor, College of Law, effective October 1, 1978 through September 30, 1979, for personal reasons.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-59

Synopsis: The report on contracts, grants and gifts and the summary for September are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of September 1978, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR SEPTEMBER 1978

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 650,258.08
The Ohio State University Research Foundation	95	3,748,905.00
Engineering Experiment Station	3	83,215.00
		\$4,482,378.08
The Ohio State University Development Fund	4,231 Donors	\$ 516,109.87

Establishment of Named Funds

The William Alfred and Edith Wood Starin Fund No. 1 (College of Medicine)	\$ 26,000.00
The Werner Strang and Asta K. Strang Fund for Cancer Research (College of Medicine)	20,000.00
G. Walter Burwell Memorial Scholarship (Department of Horticulture)	10,000.00
College of Education Centennial Fund (College of Education)	7,314.00
The Chauncey D. Leake and Elizabeth W. Leake Alternate Year Lecture/Student Essay Award Fund (College of Medicine)	5,000.00
The Chauncey D. Leake Memorial Award Fund (Doctoral students in the Graduate School in Pharmacology in the Colleges of Medicine, Pharmacy, or Veterinary Medicine)	4,763.90
The William Alfred and Edith Wood Starin Fund No. 2 (College of Law)	4,000.00

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

New Presidents Club Members - September 1978

Helen L. Ashman (Mrs. Ward)	James H. Legg, Jr.
Mamie R. Barfield (In Memoriam)	Ralph C. Leslie
William H. Bay	Robert E. Longenbaker
Richard H. Bell	Dennis R. Lund
Ralph E. Bender	Karen Sue Maddex
John G. Brettell	Lawrence R. Marryott
Helen A. Burwell	Daniel J. Martinelli
John M. Calhoun	Martin B. Metzger
N. M. Camardese	Tom R. Montei
Samuel L. Devine	Nancy J. Moore
Robert R. Dittwiler	Gordon C. Rader
David A. Edwards, Jr.	William C. Rigsby
Charles P. Eichhorn	Margaret J. Scherer (Mrs. Robert D.)
Richard J. Fitton	Toby L. Schneiderman
Albert F. Gehres	Robert J. Shupala
Mark Grosshandler	Edith Wood Starin (In Memoriam)
Debra Jane Kemper (Mrs. Frank)	Stephen N. Thornborough
Daniel C. Jaeger	David C. Wetmore
Lilli L. Johnson (Mrs. Truman G.)	Roger D. Williams
George A. Krieger	Thomas D. Young

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1 to September 30, 1978

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsor	No. of Projects	Level of Support
FEDERAL		
Student Programs	6	\$ 373,739.00
STATE OF OHIO	12	\$2,298,562.05
INDUSTRIAL AND OTHER	2	\$ 8,116.60
TOTALS	20	\$2,680,417.65

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1 to September 30, 1978

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Projects	Level of Support
FEDERAL		
Department of Energy	4	\$ 545,984.00
National Aeronautics and Space Administration	5	140,840.00
National Science Foundation	37	1,357,636.00
Department of Defense	12	393,546.00
Department of Health, Education and Welfare	92	7,580,530.00
Other Federal	22	2,353,099.00
TOTAL - FEDERAL	172	\$12,371,635.00
STATE OF OHIO	18	\$ 531,405.00
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	70	\$ 805,081.00
GRAND TOTAL	260	\$13,708,121.00

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1 to September 30, 1978

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Projects	Level of Support
FEDERAL	3	\$ 10,460.00
STATE OF OHIO	7	\$ 254,546.00
INDUSTRIAL AND OTHER	120	\$ 935,244.00
TOTALS	130	\$1,200,250.00

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1 to September 30, 1978

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Donors	No. of Donors	Level of Support
ANNUAL GIVING		
Direct Mail	3,289	\$ 58,550.92
Annuaals	3,812	69,336.51
Miscellaneous	4,812	158,369.67
Corporate Matching Gifts	18	34,364.00
TOTALS	11,931	\$ 320,621.10
MAJOR RESOURCES		
Deferred Gifts	15	\$ 257,965.43
Major Individuals	438	358,060.22
Corporate	445	906,687.82
Foundations	223	343,409.63
TOTALS	1,121	\$1,866,123.10
GRAND TOTAL	13,052	\$2,186,744.20

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Research Contracts/Grants

\$416,539.33 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Teacher Education and Supervisory Services to Teachers of Vocational Agriculture, Department of Agricultural Education (J. R. Warmbrod), July 1, 1978 through June 30, 1979.

\$226,808.15 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Administering and Coordinating the Research, Curriculum and Exemplary Programs in Vocational Education, Department of Agricultural Education (J. R. Warmbrod), July 1, 1978 through June 30, 1979.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$643,347.48

Other Non-Federal Research Contract/Grant

\$6,910.60 - Lancaster City Schools, Lancaster, Ohio, to provide technical consultant assistance to support our CETA, Title III, Youth Governor's Grant Program, National Center for Research in Vocational Education (R. E. Taylor and D. Ator), May 12, 1978 through September 30, 1978.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$450,000.00 - Department of State, Agency for International Development, Washington, D. C., A Cooperative Agreement Between the Rural Development Office, Technical Assistance Bureau, AID (Agency for International Development) and the Department of Agricultural Economics and Rural Sociology, The Ohio State University, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and D. W. Adams), 29 September 1978 through 28 September 1979. (Project 760927 - Continuation)

\$445,231.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., ERIC (Educational Resources Information Center) Clearinghouse on Career Education, Center for Vocational Education (R. E. Taylor), 14 September 1978 through 13 September 1979. (Project 760890 - Continuation)

\$215,420.00 - Department of Health, Education and Welfare, National Library of Medicine, Bethesda, Maryland, Ohio Regional Medical Audiovisual Center (ORMAC), College of Medicine - Administration (G. L. Trzebiatowski, D. Hudspeth, and J. B. Battles), 1 September 1978 through 31 July 1979. (Project 760374 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$146,906.00 - Department of Health, Education and Welfare, Food and Drug Administration, Rockville, Maryland, A Relationship Between Pharmacokinetic Distribution of Antimicrobial Drugs and Effectiveness, Department of Veterinary Physiology and Pharmacology (T. E. Powers), 30 September 1978 through 29 September 1979. (Project 760175 - Continuation)

\$135,000.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Graduate Programs in Health Administration, School of Allied Medical Professions (G. O. Johnson), 1 October 1978 through 30 September 1979. (Project 761329 - New)

\$121,800.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, The Ohio Sea Grant Program, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter) and Academic Faculty of Science-Mathematics Education (V. J. Mayer), 1 September 1978 through 31 August 1979. (Project 761324 - New)

\$117,665.00 - Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Bureau of Medical Devices, Rockville, Maryland, Development of Test Materials to Evaluate *In Vitro* Diagnostic Device Performance, Department of Pathology (G. F. Grannis), 29 September 1978 through 29 December 1979. (Project 761375 - New)

\$110,382.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Grant and Procurement Management Division, Washington, D. C., Adaptive Behavior Children's Scale Development, Nisonger Center for Mental Retardation (H. Leland), 1 October 1978 through 30 September 1979. (Project 760519 - Continuation)

\$90,000.00 - Environmental Protection Agency, Washington, D. C., Information Collection, Analysis and Dissemination, Academic Faculty of Science-Mathematics Education (R. W. Howe), 1 October 1978 through 30 September 1979. (Project 760919 - Continuation)

\$90,000.00 - Department of Health, Education and Welfare, Office of Human Development, Developmental Disabilities Office, Region V, Chicago, Illinois, Planning and Evaluation Project for the HEW Region V Developmental Disabilities Consortium, Nisonger Center for Mental Retardation (R. J. Adams), 30 September 1978 through 29 September 1979. (Project 760887 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$84,752.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Hyattsville, Maryland, Employment and/or Further Training of Health Trained Veterans, College of Medicine - Administration (M. V. Brown), 30 September 1978 through 30 September 1979. (Project 760882 - Continuation)

\$82,881.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Serous Otitis Media: Immunochemical and Electron Microscopic Study, Department of Otolaryngology (D. J. Lim), 1 September 1978 through 31 August 1979. (Project 760043 - Continuation)

\$75,425.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, National Center for Health Services Research, Hyattsville, Maryland, Economic Responses to Poor Health in Older Males, Department of Economics (D. O. Parsons), 15 September 1978 through 14 September 1979. (Project 760833 - Continuation)

\$60,000.00 - Department of Agriculture, Arlington, Virginia, Strategies to Alter Seasonal Synchronization of Insects with Their Food Supply by Manipulating the Programming of Insect Dormancy, Department of Entomology (D. L. Denlinger), 5 September 1978 through 30 September 1980. (Project 761344 - New)

\$59,929.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Research on Near Field Pattern Effects, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 8 September 1978 through 7 September 1979. (Project 761216 - New)

\$57,600.00 - Department of the Interior, Fish and Wildlife Services, Washington, D. C., A Summary of Knowledge of the Fish and Wildlife Resources of the Coastal Wetlands of the Great Lakes of the United States, Center for Lake Erie Area Research (C. E. Herdendorf), 1 October 1978 through 28 February 1979. (Project 760892 - Continuation)

\$55,629.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Development of Extrapyrmidal Systems, Department of Anatomy (G. F. Martin), 1 September 1978 through 31 August 1979. (Project 760032 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS and GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$55,133.00 - Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Bureau of Veterinary Medicine, Rockville, Maryland, Evaluation of the Utility of an *In Vitro* Tissue Culture System in Toxicological Screening of Parent Compound and Metabolite Residues, Department of Veterinary Pathobiology (G. E. Milo), 30 September 1978 through 29 September 1979. (Project 761358 - New)

\$54,600.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Coal Extraction, Benefication, and Utilization Fellowship Program, Department of Civil Engineering (C. Konya and O. Sproul), 20 September 1978 through 19 September 1980. (Project 761285 - New)

\$50,112.00 - Department of Health, Education and Welfare, National Library of Medicine, Bethesda, Maryland, Ohio Regional Medical Audiovisual Center (ORMAC), College of Medicine - Administration (G. L. Trzebiatowski, D. Hudspeth and J. B. Battles), 1 June 1978 through 31 August 1978. (Project 760374 - Continuation)

\$45,488.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Early Infant Intervention Through Parent Interaction, Nisonger Center for Mental Retardation (M. F. Chase), 1 September 1978 through 30 June 1979. (Project 760763 - Continuation)

\$45,260.00 - Department of the Army, U. S. Army Natick Research and Development Command, Natick, Massachusetts, Screen Prospective TCM Replacement for Amoebicidal Properties, Department of Civil Engineering (O. Sproul and A. J. Rubin), 25 October 1978 through 25 October 1979. (Project 760946 - Continuation)

\$42,908.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Alpha-Adrenergic and Dopaminergic Stereochemical Studies, College of Pharmacy (D. D. Miller), 15 September 1978 through 31 August 1979. (Project 761349 - New)

\$30,208.00 - Environmental Protection Agency, Washington, D. C., ORBES (Ohio River Basin Energy Study) Phase II Core Team Representation and Coordination, Department of Mechanical Engineering (R. E. Bailey), 1 September 1977 through 31 October 1978. (Project 760981 - Continuation)

\$30,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Study of Improved IFF Antennas, Department of Electrical Engineering, ElectroScience Laboratory (B. Munk), 30 September 1978 through 31 December 1978. (Project 761359 - New)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$28,558.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Intestinal Secretion: Receptor Mechanisms, College of Pharmacy (T. S. Gaginella), 25 September 1978 through 31 August 1979. (Project 761373 - New)

\$27,323.00 - National Science Foundation, Washington, D. C., Development and Analysis of Generalized Hybrid Finite Element Methods, Department of Engineering Mechanics (J. K. Lee), 1 October 1978 through 30 September 1980. (Project 761334 - New)

\$25,615.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology (C. W. Stockwell), 1 September 1978 through 31 August 1979. (Project 760820 - Continuation)

\$24,491.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Training in Information Analysis and User Services Related to Energy Education, Academic Faculty of Science-Mathematics Education (R. W. Howe), 1 July 1978 through 31 December 1978. (Project 761083 - Continuation)

\$24,005.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Properties of Skeletal Muscle in Alloxan Diabetes, Department of Physiology (J. A. Grossie), 15 September 1978 through 31 August 1979. (Project 761345 - New)

\$23,920.00 - Department of Health, Education and Welfare, Public Health Service, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Impact of Prior Noncontingency on Learning and Memory, Department of Psychology (D. D. Wickens), 1 September 1978 through 31 August 1979. (Project 760538 - Continuation)

\$20,688.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler, J. A. Grossie and J. A. Rall), 1 September 1978 through 31 August 1979. (Project 760924 - Continuation)

\$20,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, National Severe Storms Laboratory, Norman, Oklahoma, Stability of Tornado-like Vortices, Department of Aeronautical and Astronautical Engineering (M. R. Foster), 15 September 1978 through 14 September 1979. (Project 761347 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$19,900.00 - National Science Foundation, Washington, D. C., Microparticle Stratigraphy of Ice Cores from the Ross Ice Shelf, Institute of Polar Studies, Graduate School and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (L. G. Thompson), 30 August 1978 through 31 December 1978. (Project 761025 - Continuation)

\$19,800.00 - National Science Foundation, Washington, D. C., Improvements in Undergraduate Physical Chemistry Laboratory, Department of Chemistry (G. G. Christoph), 8 September 1978 through 31 January 1981. (Project 761372 - New)

\$18,594.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Tetrahydroisoquinolines and Alcohol Dependence, College of Pharmacy (R. G. Rahwan), 1 September 1978 through 31 August 1979. (Project 760544 - Continuation)

\$17,400.00 - National Science Foundation, Washington, D. C., Desk-Top Calculator with Printer/Plotter and Digitizer, Department of Zoology (R. A. Stein), 1 September 1978 through 31 August 1979. (Project 761323 - New)

\$16,600.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, National Research Service Award, Department of Otolaryngology (D. J. Lim and D. E. Dunn), 19 September 1978 through 18 September 1979. (Project 760996 - Continuation)

\$16,447.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., National Center for Research in Vocational Education, The Center for Vocational Education (R. E. Taylor), 16 January 1978 through 15 January 1979. (Project 761008 - Continuation)

\$14,959.00 - Department of Energy, Oak Ridge, Tennessee, Pre-Freshman and Cooperative Education for Minorities in Engineering at The Ohio State University, College of Engineering (M. M. McGee), 1 April 1978 through 30 June 1979. (Project 761129 - New)

\$14,500.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, National Research Service Award, Department of Veterinary Pathobiology (C. C. Capen and W. T. Collins, Jr.), 15 September 1978 through 14 September 1979. (Project 761321 - New)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$13,737.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques for UHF and Above Antennas, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter), 1 August 1978 through 31 July 1979. (Project 760473 - Continuation)

\$13,150.00 - Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, Portland, Oregon, Soil Movement of Slopes in Permafrost Environments, Department of Civil Engineering (T. H. Wu), 6 September 1978 through 30 September 1979. (Project 761325 - New)

\$10,500.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Vocational Education Personnel Development Program, Graduate School (J. B. LaPidus) and Academic Faculty of Vocational-Technical Education (A. J. Miller and D. A. Adams), 1 August 1977 through 31 August 1978. (Project 760815 - Continuation)

\$9,500.00 - National Science Foundation, Washington, D. C., Ceramographic Facilities for Microstructure Evaluation, Department of Ceramic Engineering (D. W. Readey), 8 September 1978 through 31 January 1981. (Project 761362 - New)

\$7,000.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials, Department of Mathematics (P. Nevai), 1 October 1978 through 30 September 1979. (Project 761322 - New)

\$4,675.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Mechanization of Patching (Bituminous), Department of Mechanical Engineering (D. A. Guenther), 19 August 1978 through 18 October 1978. (Project 760801 - Continuation)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Marion Regional Campus, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761342 - Continuation)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Lima Regional Campus, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761341 - Continuation)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Mansfield Regional Campus, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761340 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Newark Regional Campus, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761339 - Continuation)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for The Ohio State University, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761338 - Continuation)

\$3,906.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Agricultural Technical Institute, Wooster, University Libraries (G. D. Guthrie), 1 October 1978 through 30 September 1979. (Project 761337 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$3,167,127.00
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State of Ohio Research Contracts/Grants

\$66,189.00 - State of Ohio, Department of Health, Columbus, Ohio, Training Program in Rehabilitation Nursing, Department of Physical Medicine (E. W. Johnson), 1 October 1978 through 30 September 1979. (Project 761328 - Continuation)

\$47,740.00 - State of Ohio, Department of Health, Columbus, Ohio, Development of a Practical Data System for Statewide Surveillance of Perinatal Problems, Department of Preventive Medicine (W. J. Bashe, Jr.), 1 October 1978 through 30 September 1979. (Project 761164 - Continuation)

\$36,750.00 - State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, Commercial Fishing: Gear Mortality, School of Natural Resources (D. L. Johnson) and Center for Lake Erie Area Research (J. M. Reutter), 1 October 1978 through 30 June 1979. (Project 761365 - New)

\$6,200.00 - State of Ohio, Department of Mental Health and Mental Retardation, Columbus, Ohio, Evaluation-Technical Assistance: Community Service Providers, Nisonger Center for Mental Retardation (W. E. Loadman), 5 September 1978 through 30 September 1978. (Project 760881 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$4,387.00 - State of Ohio, Department of Mental Health and Mental Retardation, Orient State Institute, Orient, Ohio, Staff Development Project for Unit Chairmen at the Orient State Institute, College of Social Work (B. Weiss), 1 January 1978 through 31 December 1978. (Project 761361 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 161,266.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$49,323.00 - The Aerospace Corporation, Los Angeles, California, Low Sidelobe Reflector Antenna Study, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 September 1978 through 28 February 1979. (Project 761327 - New)

\$38,000.00 - Franklin County Comprehensive Drug Treatment Program, Columbus, Ohio, FCCDTP (Franklin County Comprehensive Drug Treatment Program) Drug Abuse Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta and D. J. Tosi), 3 July 1978 through 30 June 1979. (Project 761291 - New)

\$15,179.00 - Women's Action Collective, Inc., Columbus, Ohio, Research Coordination for Rape Prevention, Department of Philosophy (R. G. Turnbull), 1 September 1978 through 31 August 1979. (Project 760643 - Continuation)

\$14,868.00 - Philip Morris Research Center, Richmond, Virginia, Behavioral Effects of Nicotine in Man and Animals, Department of Psychology (G. G. Berntson), 1 September 1978 through 31 August 1979. (Project 760715 - Continuation)

\$11,225.00 - National Livestock and Meat Board, Chicago, Illinois, Hypercholesterolemia, Vitamin E and Thrombosis, Department of Physiological Chemistry (R. V. Panganamala), 1 October 1978 through 30 September 1979. (Project 761354 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prostaglandin Alterations in Normal and Toxemic Pregnancies, Department of Pharmacology (L. K. Wong), 1 October 1978 through 30 September 1979. (Project 761320 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Cobalt Cardiomyopathy: A Model for the Study of Idiopathic Cardiomyopathy, Department of Medicine (D. V. Unverferth), 1 October 1978 through 30 September 1979. (Project 761319 - New)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Teratogenic Effects of Anticonvulsant Drugs, Department of Anatomy (M. E. Sucheston), 1 October 1978 through 30 September 1979. (Project 761317 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Adenine Nucleotide Transport in Heart Mitochondria, Department of Surgery (C. D. Stoner), 1 October 1978 through 30 September 1979. (Project 761315 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Studies of the Heart Mitochondrial K⁺ Binding Proteolipid, Department of Physiological Chemistry (K. M. Scott and R. A. Altschuld), 1 October 1978 through 30 September 1979. (Project 761314 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Vitamin E-Experimental Atherosclerosis, Department of Physiological Chemistry (R. V. Panganamala), 1 October 1978 through 30 September 1979. (Project 761311 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prostacyclin Synthesis in Coronaries of Exercise Trained Hearts, Department of Physiological Chemistry (A. J. Merola), 1 October 1978 through 30 September 1979. (Project 761307 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Beta Receptors in Normal, Failing, and Treated Dog Hearts, Department of Medicine (C. V. Leier), 1 October 1978 through 30 September 1979. (Project 761305 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Arterial Chemoreceptor Role in Regulation of Blood Gases, Department of Physiology (A. L. Kunz), 1 October 1978 through 30 September 1979. (Project 761304 - New)

\$11,000.00 American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Myocardial Calcium Regulation-Adaptation to Chronic Exercise, Department of Physiological Chemistry (A. C. Gillespie), 1 October 1978 through 30 September 1979. (Project 761300 - New)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Propranolol on Myocardial Perfusion, B-adrenergic Receptors and Catecholamine Excretion in Patients with Stable Angina Pectoris, Department of Medicine (H. Boudoulas), 1 October 1978 through 30 September 1979. (Project 761297 - New)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$11,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Collagen of Cardiac Valves, Department of Pathology (N. Baba), 1 October 1978 through 30 September 1979. (Project 761296 - New)

\$10,977.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Heart/Lung Failure in Hemorrhagic and Septic Shock, Department of Medicine (B. D. Lowery), 1 October 1978 through 30 September 1979. (Project 761306 - New)

\$10,968.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Physiological Control of Myocardial Lipase, Department of Physiological Chemistry (F. A. Kruger), 1 October 1978 through 30 September 1979. (Project 761303 - New)

\$10,910.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Firing Patterns of Supraoptic Neurons in Hypertensive Rats, Department of Physiology (J. J. Curry), 1 October 1978 through 30 September 1979. (Project 761298 - New)

\$10,710.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, The Hemodynamics of the Spontaneously Hypertensive Rat, Department of Physiology (J-P Dujardin), 1 October 1978 through 30 September 1979. (Project 761299 - New)

\$10,673.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Pulsed Ultrasonic Doppler Blood Flow Measurements in the Horse, Department of Aeronautical and Astronautical Engineering (R. M. Nerem), 1 October 1978 through 30 September 1979. (Project 761309 - New)

\$10,590.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Pharmacokinetics, Inotropic and Chronotropic Activity of 4-Hydroxypropranolol, Department of Veterinary Physiology and Pharmacology (W. W. Muir, III), 1 October 1978 through 30 September 1979. (Project 761308 - New)

\$10,185.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Dihydrodigoxin: Stereochemistry, Assay, Urinary Kinetics, College of Pharmacy (R. H. Reuning), 1 October 1978 through 30 September 1979. (Project 761312 - New)

\$10,094.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, GC-MS of Cyclic Derivatives of Catecholamines in Heart Tissue, Department of Pharmacology (C-G. V. Hammar), 1 October 1978 through 30 September 1979. (Project 761301 - New)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$10,025.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Adriamycin Cardiotoxicity in Man, Department of Medicine (R. Talley and S. P. Balcerzak), 1 October 1978 through 30 September 1979. (Project 761318 - New)

\$9,828.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Microbiological Synthesis of Quinidine Metabolites, College of Pharmacy (L. W. Robertson), 1 October 1978 through 30 September 1979. (Project 761313 - New)

\$9,686.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Interactions Between Splanchnic and Renal Hemodynamics, Department of Physiology, (K. Hanson), 1 October 1978 through 30 September 1979. (Project 761302 - New)

\$9,507.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, LDH Isoenzymes in Murine Adriamycin Cardiotoxicity, Department of Veterinary Pathobiology (H. M. Olson), 1 October 1978 through 30 September 1979. (Project 761310 - New)

\$7,200.00 - Bexley Public Schools, Columbus, Ohio, Assistance with Policy Analysis and Administration, Academic Faculty of Educational Administration (R. O. Nystrand), 1 September 1978 through 31 August 1979. (Project 761335 - New)

\$6,264.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Mechanism of Tricyclic Antidepressant Arrhythmogenesis, Department of Veterinary Physiology and Pharmacology (S. M. Strauch), 1 October 1978 through 30 September 1979. (Project 761316 - New)

\$6,000.00 - VITA Treatment Center, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 July 1978 through 30 June 1979. (Project 761353 - New)

\$6,000.00 - VITA Treatment Center, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 July 1978 through 30 June 1979. (Project 761293 - New)

\$6,000.00 - Cornerstone: Corporation for Human Development, Columbus, Ohio, Counseling Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 July 1978 through 30 June 1979. (Project 761292 - New)

\$2,000.00 - Paint Research Institute, Philadelphia, Pennsylvania, Paint Mildew Ecology, Department of Botany (J. A. Schmitt), 1 August 1978 through 31 December 1978. (Project 760070 - Continuation)

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$1,400.00 - Foxjet International, Minneapolis, Minnesota, Airfoil Analysis on Four Airfoils, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 18 August 1978 through 30 September 1978. (Project 761274 - New)

\$900.00 - Massachusetts Institute of Technology, Cambridge, Massachusetts, Calculation of Airfoil Section Characteristics, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 8 August 1978 through 1 September 1978. (Project 761273 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$ 420,512.00
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ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$42,068.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Transportation Safety Research, Department of Civil Engineering, October 1, 1978 through September 30, 1979. (EES 572/529052, Extension 1)

\$32,276.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Applied Research in Analytical Photogrammetry, Transplex Research Area, September 20, 1978 through September 19, 1979. (EES 587/529067)

\$8,871.00 - State of Ohio, Department of Energy, Columbus, Ohio, for Service Trial of Waste Vegetable Oil as a Diesel Fuel Supplement, Department of Mechanical Engineering, July 1, 1978 through December 1, 1979. (EES 586/529066)

TOTAL - STATE OF OHIO SPONSORED RESEARCH	\$ 83,215.00
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THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$41,310.00 - Estate of Mamie R. Barfield, Columbus, Ohio, for the College of Medicine Progress Fund.

\$27,963.00 - The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

\$18,200.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$16,281.00 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund.

\$15,328.54 - Systems Associates, Columbus, Ohio: \$9,084.47 for the Cardiology Support Fund and \$6,244.07 for the Department of Medicine General Fund.

\$12,500.00 - E. I. duPont de Nemours & Company, Wilmington, Delaware, for the E. I. duPont - Haskell Laboratory Fellowship in Veterinary Pathology.

\$11,500.00 - Eli Lilly and Company, Indianapolis, Indiana, for the Infectious Disease Research Fund.

\$11,225.00 - Mead Johnson and Company, Evansville, Indiana, for the Menopausal Patient Follow-Up Project.

\$10,456.45 - Frederick H. Davidorf, M.D. (given in the name of Frederick H. Davidorf, M.D.), Columbus, Ohio: \$7,282.66 for the Retina Research Fund; \$1,773.79 for the Ophthalmology Photography Fund; and \$1,400.00 for the Ophthalmology Art Work Fund.

\$10,000.00 - Zaner-Bloser, Inc. (given in the name of Richard H. Bell), Columbus, Ohio, for the Faculty of Exceptional Children Support Fund.

\$9,300.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$8,850.00 - American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for the American Foundation for Pharmaceutical Education Fellowship Fund.

\$8,400.00 - INCO Limited, New York, New York, for the International Nickel Company Fellowship Fund.

\$6,000.00 - The Lubrizol Foundation, Cleveland, Ohio: \$2,000.00 for the Lubrizol Foundation Scholarship Fund for Chemical Engineering; \$2,000.00 for the Lubrizol Foundation Fellowship Fund for Chemistry; *\$1,000.00 for the Department of Mechanical Engineering; *\$500.00 for the Academic Faculty of Accounting; and *\$500.00 for the Department of Mathematics. *(All are scholarship funds)

\$5,352.75 - Daniel E. Evans, Canal Winchester, Ohio, for the Canter's Cave 4-H Camp.

\$5,000.00 - Exxon Education Foundation, New York, New York, for the Department of Chemical Engineering Support Fund.

\$5,000.00 - The Rockefeller Foundation, New York, New York, for the International Conference on Research on Malaria and Babesiasis.

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The William Alfred and Edith Wood Starin Fund No. 1

The William Alfred and Edith Wood Starin Fund No. 1 was established November 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Edith W. Starin of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships, grants, partial assistance and long-term loans for students enrolled in the College of Medicine who have satisfactorily completed not less than their first year's work in any college of medicine and who have demonstrated intellectual promise, integrity of character and need for financial assistance. Students may be renominated for grants, assistance or loans for a total of any three years after the completion of his first and before graduation from the College of Medicine. Under no circumstances shall restrictions in grants, assistance or loans be permitted or practiced which consider either political beliefs or national origin, or religion or race or sex of the student. Research shall be permitted only as an incidental part of the scholastic work of the student or as necessary to supplant income but not as a primary objective or activity. No portion of the Fund shall be used or charged directly or indirectly for any administrative expense which would permit or require diversion to any other function at the University. Selection of the recipients is to be made upon the recommendation of the Dean of the College of Medicine or his successor.

Should the need for these scholarships, grants and student loans cease to exist or so diminish as to provide unused income, then the income and principal may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

The Werner Strang and Asta K. Strang Fund for Cancer Research

The Werner Strang and Asta K. Strang Fund for Cancer Research was established November 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Werner Strang of Columbus, Ohio, in memory of his deceased wife, Asta K. Strang.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Werner Strang and Asta K. Strang Fund for Cancer Research (contd)

The annual income is to be used for research in connection with the prevention, cause and cure of cancer, especially as related to diet, and the introduction of chemical poisons or deficiencies into the system. All requisitions for funds will be approved by the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical research.

G. Walter Burwell Memorial Scholarship

The G. Walter Burwell Memorial Scholarship was established November 3, 1978, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Helen A. Burwell in memory of her husband, G. Walter Burwell, B.Sc. Horticulture, '22.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students of sophomore, junior, or senior standing who have financial need and are enrolled as majors in the Landscape Horticulture Program in the Department of Horticulture. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Agriculture and Home Economics in consultation with faculty of the Department of Horticulture.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the appropriate administrative official of the University who is then directly responsible for the study of Horticulture.

College of Education Centennial Fund

The College of Education Centennial Fund was established November 3, 1978, by the Board of Trustees of The Ohio State University with gifts from friends of the College of Education through The Ohio State University Development Fund.

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

College of Education Centennial Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used at the discretion of the Dean of the College of Education.

Should the College of Education cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for programs formerly administered by the College of Education.

The Chauncey D. Leake and Elizabeth W. Leake Alternate Year Lecture/Student Essay Award Fund

The Chauncey D. Leake and Elizabeth W. Leake Alternate Year Lecture/Student Essay Award Fund was established November 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Chauncey D. Leake, D.Sc. (Honorary) '75, and Elizabeth W. Leake, of San Francisco, California.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with right to invest and reinvest as occasion dictates.

Eighty per cent (80%) of the income shall be used for the purpose hereinafter set forth and for their administration and twenty per cent (20%) of the income shall be added to the principal each year. The eighty per cent (80%) portion of the annual income shall be used to establish an award to be presented each year in the name Chauncey D. Leake and Elizabeth W. Leake with the award to be based in one year on a lecture relating to the humanities in the health profession, and on the alternate year on a student essay relating to the same subject. The selection of the recipients is to be made upon the recommendation of the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for humanities/health profession education.

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Chauncey D. Leake Memorial Award Fund

The Chauncey D. Leake Memorial Award Fund was established November 3, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and associates of Chauncey D. Leake, D.Sc. (Honorary), 1975, Professor Emeritus and former Assistant Dean of the College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to provide monies for "The Chauncey D. Leake Award for Excellence in Pharmacology" to an outstanding graduate student in Pharmacology in the College of Medicine or the College of Pharmacy or the College of Veterinary Medicine. The selection of the recipient(s) is to be made on the basis of the most outstanding research paper(s) reporting original research of scientific merit, prepared during the attainment of an advanced degree at The Ohio State University, and submitted in form acceptable for publication. Eligible candidates must be registered as doctoral students in Pharmacology in the Graduate School during the academic year in which they enter the competition. Each research paper is to be accompanied by a biographical sketch of the author's academic preparation, research background, experience, and future professional goals.

The selection is to be made by a committee composed of five persons, four tenured faculty, including one representative from the Pharmacology programs of each of the three designated colleges and chairman, a tenured faculty member from another college of The Ohio State University or an administrator in the Graduate School, the fifth member is to be a former recipient of the Chauncey D. Leake Award.

Announcement of the Award competition is to be made by the Deans of the above Colleges in January. Papers are to be submitted in April to the offices of the Deans. Selection of the awardee(s) is to be made by the committee in May with announcement of the Award(s) in May or June. The awardee(s) is to make an oral presentation of the research paper at a special seminar or event at a time selected at the discretion of the Dean of the college in which the student is enrolled. It is the responsibility of the Deans of the colleges to arrange for Award Certificates of the appropriate significance. Each Award Certificate is to be signed by the three Deans. The Award Certificate and monetary award are to be presented by the Dean of the college in which the student is enrolled at the special seminar or event selected.

Should the papers in any given year not be of superior quality, the award(s) will not be made until the next year. This is to be the official award in Pharmacology in the name of Dr. Chauncey D. Leake at The Ohio State University.

November 3, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Chauncey D. Leake Memorial Award Fund (contd)

Should the need for this award cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official(s) of the University who are then directly responsible for education of students in Pharmacology.

The William Alfred and Edith Wood Starin Fund No. 2

The William Alfred and Edith Wood Starin Fund No. 2 was established November 3, 1978, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Edith W. Starin of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income shall be administered and awarded under the absolute discretion of the Dean of the College of Law or by his successor, or by the person who might occupy a general comparable office and standard of responsibility.

Should the need for these funds cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

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PLANS AND SPECIFICATIONS

Resolution No. 79-60

Synopsis: Plans and specifications have been completed for four projects and are recommended for approval.

WHEREAS at the request of the Vice President for Business and Administration the plans and specifications, bills of materials and estimates of cost for the following projects are presented for approval:

PLANS AND SPECIFICATIONS (contd)

AGRONOMY, NATURAL RESOURCES AND PLANT PATHOLOGY

Project:	Construction of a new four-story building located within the building complex of the College of Agriculture and Home Economics on the campus west of the Olentangy River. This building will provide essential and modern facilities necessary to accommodate the academic, research and extension programs of the Department of Agronomy, the School of Natural Resources and the Department of Plant Pathology. The departments are now located in four buildings in different areas of the campus.
Funding:	H.B. 618, Item 315-103 (Agronomy, Natural Resources and Plant Pathology--1977-79 Biennium): \$13,200,000.00 and H.B. 687, Item 315-703 (Agronomy, Natural Resources and Plant Pathology--1975-77 Biennium): \$294,000.00
Estimated Project Cost:	Total Funding: \$13,494,000.00

CANCER CENTER

Project:	Construction of a two-story vertical expansion at the south end of Wiseman Hall. The project when completed will provide laboratory facilities to house current and anticipated research programs in cancer research which includes Carcinogenesis, Viral Oncology, Tumor Immunology, and Developmental Chemotherapeutics.
Funding:	H.B. 618, Item 315-120 OSU Cancer Center 1977-79 Biennium (\$1,000,000.00) and National Cancer Institute Grant (\$1,681,875.00)
Estimated Project Cost:	\$2,681,875.00

SISSON HALL IMPROVEMENTS

Project:	Create needed research laboratories and faculty offices for the College of Veterinary Medicine.
Funding:	H.B. 618, Utilities and Renovation (1977-79 Biennium) \$290,000.00 and Budget Account 210190 (Veterinary Medical Training Account) - \$30,000.00
Estimated Project Cost:	\$320,000.00

November 3, 1978 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

STARLING-LOVING HALL IMPROVEMENTS (PHASE II)

Project: Continuation of the renovation of the space for the College of Optometry. These improvements will be accomplished in the north section of A-Wing, first and second floors. The first phase of the work started in 1973 and was completed in 1976.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$160,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received to recommend the award of the necessary contracts in accordance with the established University procedures; and that this action be reported at a later meeting.

Upon motion of Mr. Devenow, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACT AND ESTABLISHMENT OF CONTINGENCY FUND

Resolution No. 79-61

Synopsis: A contract has been awarded for one project to the lowest and best bidder in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications and for the President and/or Vice President for Business and Administration to request bids, and recommend awards, in accordance with the established University procedures for the following project:

GAS LINE REPLACEMENT

Description: Remove and replace deteriorated gas lines; North Oval tunnel, through 17th Avenue and North Neil Avenue tunnels, South Oval tunnel, South Neil Avenue tunnel, 12th Avenue tunnel and 11th Avenue tunnel. New installation will increase operating pressure.

November 3, 1978 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

GAS LINE REPLACEMENT (contd)

Mechanical Contract

Date Received: September 28, 1978

No. of Bids: 6

Low Bid: \$105,312.00*

High Bid: \$283,363.00*

Estimate of Cost: \$177,000.00*

Awarded to: C & E Mechanical (New Albany, Ohio)

Total Contract: \$105,312.00

Total Contingency Allowance: \$ 7,372.84 which is 7 per cent of construction contract

Total Project Cost: \$115,723.84

Funding: H.B. 618 (Utilities and Renovation, 1977-1979 Biennium)

* Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to a previous action of the Board, a construction project was bid, a contract was recommended for award, establishment of a contingency fund and expenditure of project funds are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM

Resolution No. 79-62

Synopsis: Resolution proposed to extend coverage of the "Hospitals Self-Insurance and Indemnification Fund" to certain strict full-time members of the attending staff.

November 3, 1978 meeting, Board of Trustees

HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM (contd)

WHEREAS, pursuant to Section 2743.02(C) of the Ohio Revised Code, the Board of Trustees by actions of December 15, 1976 and June 8, 1978 established a hospital professional liability indemnification program known as the "Hospitals Self-Insurance and Indemnification Fund" (Fund) covering those persons for whom insurance had previously been afforded under policies issued by the Ohio Medical Professional Liability Underwriting Association providing indemnification on the same basis and subject to the same terms and conditions as set forth in those policies; and

WHEREAS, the coverage under the Fund was not extended to members of the University Hospitals attending staff; and

WHEREAS, it has now become advantageous to the University Hospitals in certain specific situations, within the limits already established to extend coverage of the Fund to certain strict full-time members of the attending staff:

NOW THEREFORE BE IT RESOLVED THAT

Pursuant to Section 2743.02(C), the University Hospitals, within the existing coverage limits of the Fund, agree to indemnify and hold harmless, designated attending staff members employed on a strict full-time basis, against expense, including attorneys' fees, damage, loss or other liability arising, or claimed to have arisen out of, the death, disease, or injury of any person as a result of the negligence, malpractice, or other action or inaction of the indemnified staff member while acting within the scope of his or her duties, or engaged in activities at the request or direction, or for the benefit, of the University Hospitals; and

BE IT FURTHER RESOLVED that upon the recommendation of the Dean of the College of Medicine, the President of the University shall designate those strict full-time attending staff members for whom indemnification shall be provided as set forth in the preceding paragraph and shall effect such coverage by filing with the Secretary of this Board notification that coverage is in effect and the effective date of such coverage; and

BE IT FURTHER RESOLVED that each time it is desired to designate such attending staff members indemnification coverage under the Fund, the Coordinator - Benefits Plan and Specifications shall be notified so that a prudent judgment may be made as to whether and to what extent the reserve funds need to be augmented to protect the actuarial soundness of the Fund.

President Enarson:

. . . Dr. Jacob has raised a key question which has apparently gone unanswered for some time now as to the applicability of this to oral surgeons. We've had some fairly hurried discussions on this. I would hope that the Board would approve this resolution, but I would also like the record to show that the Administration is prepared to speak to the interpretation of this. Perhaps Dr. Kuhn can also speak to this.

November 3, 1978 meeting, Board of Trustees

HOSPITALS SELF-INSURANCE AND INDEMNIFICATION PROGRAM (contd)

Dr. Kuhn:

Dr. Jacob had asked the question as to whether the oral surgeons in residence were covered by this same policy. I would like to assure him that we'll get that problem solved, they will, indeed, be covered by this policy.

Dr. Jacob:

This is a problem that goes back to the establishment of the self-insurance indemnification fund in the fall of 1976. I was concerned at that time that there were limitations placed on the coverage of the oral surgery residents, to wit, that they were covered when they were in the hospital side but once they passed through that door and they were in the Dental School wing doing the same procedures they were not covered. The Dental School has proceeded to buy coverage for these residents--nine individuals--out of their alumni gift funds. I do not think that this is something that is proper. I think they should be covered for the procedures that they're doing wherever they do them on our campus. It's something that has now drifted over two years. I would like to recommend passage of this motion so as not to further delay it since I now have the assurance of Dr. Kuhn that either the oral surgeon residents will be specifically included in this program or the Administration will bring forth another motion which will specifically include them and preclude any further purchase of individual policies by the college or their alumni.

In casting his affirmative vote, Dr. Jacob said, "I would also hope that this would not consume two more years to get this done."

Upon motion of Dr. Jacob, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY -
NATIONAL DIRECT STUDENT LOAN PROGRAM**

Resolution No. 79-63

Synopsis: Report of State Auditor for The Ohio State University - National Direct Student Loan Program for the period July 1, 1974 through June 30, 1977 is recommended for acceptance.

WHEREAS the Auditor of State is charged with the statutory responsibility for auditing accounts for all departments of the State, including state-assisted universities; and

WHEREAS the report of the Auditor of State for The Ohio State University - National Direct Student Loan Program for the period July 1, 1974 through June 30, 1977, has been received and reviewed by the appropriate officers of the University; and

November 3, 1978 meeting, Board of Trustees

**REPORT - AUDITOR OF STATE FOR THE OHIO STATE UNIVERSITY -
NATIONAL DIRECT STUDENT LOAN PROGRAM (contd)**

WHEREAS the accounts, records, files and reports of The Ohio State University were found to be in essentially satisfactory condition but certain recommendations were included in the report; and

WHEREAS the recommendations have been studied by the appropriate administrative officers and steps have been taken to correct the problems that were found:

NOW THEREFORE

BE IT RESOLVED, That this report of the Auditor of State for The Ohio State University - National Direct Student Loan Program be received and filed with the official documents of the University.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous voice vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-64

RESOLVED, That the report on the University's Investment Portfolio dated October 20, 1978, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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REPORT - ENDOWMENT FUNDS

Resolution No. 79-65

Mr. Havens:

There is a second matter I would like to report on--our endowment funds. We've surveyed all of our security holdings and we find that we are in compliance to the 'Sullivan Principles' and/or their equivalents with the exception of four stocks for which we have been unable to obtain any information. We will be selling their stocks if we don't get an answer to our request as to their investment policies. On the whole, our investments are in compliance with that action of the 7th of April. That requires no recommendation on the part of this Board. It is simply a report. I do have one matter, though, that will require Board action.

Dr. Sirak: You are selling stock?

November 3, 1978 meeting, Board of Trustees

REPORT - ENDOWMENT FUNDS (contd)

Mr. Havens:

No, Fiscal Affairs has the authority to sell, we don't have to come to the Board with each security. But there is a matter we do wish to bring before you and request your support by Board action. Our endowment fund, by resolution of this Board, was to invest its funds from 45 per cent to 55 per cent in common securities and 45 per cent to 55 per cent in fixed income securities; in other words, with a 10 per cent sway either way. We are not presently in compliance with that resolution. We have provided our equity consultants only approximately 41 per cent of the total funds. Thus we're below the minimum of 45 per cent.

Dr. Sirak: How far below?

Mr. Havens:

Four points or approximately 10 per cent below the minimum. However, I would also hasten to point out that of the money assigned for equities investments, approximately \$28 million, I would judge only \$20 million is actually invested in the equities. Our advisers are holding a substantial amount in cash--short-term notes--and are not fully invested in the securities market. Based on their advice which we are passing on to the Board, and with which we agree, we should be invested below 45 per cent in equities at this time. We are now probably about only one-third in equities. We'd like to have your support to continue on this basis.

Dr. Sirak:

What you're really saying is that you're 15 per cent or so away from the target of which the resolution originally stipulated. Maybe the thing to do is to widen that swing from 10 per cent to about 25 per cent and then it will take in these contingencies.

Mr. Havens:

The swing from 45 per cent to 55 per cent can be widened to say 30 per cent to 70 per cent.

Dr. Sirak: Yes.

Mr. Havens:

If we've offered 45 per cent of our securities business to our managers and they have chosen only to invest, say two-thirds of those funds in equities and keep one-third in cash, are we in violation or are we not? I think you ought to understand that of say \$68 million less real estate holdings in our portfolio only approximately 30 per cent is invested in equities, 70 per cent in debt securities.

November 3, 1978 meeting, Board of Trustees

REPORT - ENDOWMENT FUNDS (contd)

Dr. Sirak:

We could reword the resolution so as to include in that swing only those stocks managed by ourselves.

Mr. Havens:

Well, based on the equity advisers, we are letting that money sit in cash rather than equities. How do you want us to handle it?

Dr. Sirak: How would you recommend that the Board handle it?

Mr. Havens:

I think our committee would recommend that we stay in the posture we are in and amend the earlier resolution.

Dr. Sirak: In other words make the resolution more flexible.

Mr. Havens:

We truly would be on a basis, if you agreed with it, of about 30 per cent equities at this time and 70 per cent fixed.

Mr. Galbreath: Is that because of the condition of the market today?

Mr. Havens:

That is because of the unique condition of the market. For instance we have \$17 million invested with the Chicago fund which is an equity fund. Almost half of that portfolio is sitting in short-term funds, yet we employed them as equity counselors. It is their advice that we keep our investment this way temporarily. I don't know for how long and whose crystal ball to use.

Mr. Hilliker:

I would move that subject to further actions of this Board that all of the percentage requirements be waived as to mix of equities and cash investment.

Mr. Havens: For an indefinite period?

Mr. Hilliker: Until the Board decides otherwise.

Dr. Sirak: It has been moved, anybody second the motion?

Dr. Jacob: I don't know whether that's the way to go or not.

November 3, 1978 meeting, Board of Trustees

REPORT - ENDOWMENT FUNDS (contd)

Mr. Havens: Would you support it at 70 - 30?

Mr. Hilliker: But it could get worse.

Mr. Havens: Then I might come back to you if it gets worse.

Mr. Galbreath: Why don't you do that.

Mr. Havens: I would second it if you amend it to 70 - 30.

Mr. Hilliker: I'll amend it to 70 - 30.

Mr. Havens: I'll second 70 - 30.

Dr. Sirak:

It has been moved and seconded; any further discussion of the 70 - 30 ratio?

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

--O--

REPORT - PRESIDENT ENARSON

Status of Associate of Arts Degree

President Enarson reported the Ohio Board of Regents had rejected the Associate of Arts degree which was approved by this Board, June 8, 1978.

A number of officials at the state's two-year technical and community colleges have fought to prevent four-year state institutions from awarding associate degrees. "The recommendation was simple--it's truthful to say absurdly simple. It would in no way change now or in the future . . . the mission of the University." The associate degree would have been awarded to students who completed two years of study in a degree-granting program.

President Enarson enumerated several universities including Harvard, Minnesota and Wisconsin which grant associate degrees. Further he pointed out when the Board of Regents rejected the degree proposal they were contradicting their own Master Plan in which four-year universities were told to increase services to surrounding communities.

Board of Nursing Education and Nursing Registration

President Enarson:

One other matter I want to take only a minute--we discovered almost by accident some weeks ago that a state agency called the Board of Nursing Education and

November 3, 1978 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON (contd)

Board of Nursing Education and Nursing Registration (contd)

President Enarson: (contd)

Nursing Registration, I believe, had prepared a series of amended rules the effect of which was to intervene directly in the life of this University. These rules invaded the University in the most direct sense in that they dictated the faculty/student ratio in nursing and the qualifications which a person must have as director of the school of nursing. We did some quick writing of some testimony and when I arrived I discovered that these rules had been pulled at the last minute, but I was permitted to leave my statement and I did make the point as forcefully as I could that if each of the 28 health science crafts or sub-crafts are to be permitted to move outside the confines of the University and to get some special board or committee to dictate the credentials that has the effect of fragmenting the University. I think that would be extremely dangerous. We haven't heard the last of this matter, I simply cite it to you as one more illustration of so many efforts that we see on the part of governments to really intrude in ways that I regard as inappropriate in the life of the University.

Associate of Arts Degree Comments

Dr. Sirak:

Mr. President, I would just like to amplify one thing. Going back to your first topic about the Board of Regents refusal of--to give you the right to have an associate of arts degree. What you're really saying is that their decision in no way alters our activity in that area. In other words, we're doing the same amount of teaching, we'll do it with the same number of people, they'll cover the same subjects, the only thing their refusal did was to prevent our putting into their hands a piece of paper.

President Enarson: That's exactly right.

Dr. Sirak:

Now what bit of enlightened judgment did produce this kind of thing? Do we have any understanding of that?

President Enarson:

I think there was fear on the part of some other institutions of postsecondary education in the community that somehow we were interested in stealing the market from them, I think to me, the utterly key basic point in this is that--the other institutions--other state universities are already empowered to do precisely this, so it's only in Franklin County and the regional campuses which we have that there is a bar to providing an associate--this kind of liberal arts associate of arts degree in a public university.

November 3, 1978 meeting, Board of Trustees

REPORT - PRESIDENT ENARSON (contd)

Associate of Arts Degree Comments (contd)

Dr. Sirak: Are we going to do anything to rectify this?

President Enarson:

We've not come to a conclusion as to what might be the appropriate next steps. I found it distressing that our staff made all the arguments that I presented a moment ago and they presented them, I am sure, in a more orderly and thoughtful comprehensive fashion than I did hurriedly and it was voted down unanimously.

Dr. Sirak:

But your arguments didn't go before the full Board, it went before a committee of the Board of Regents, didn't it?

President Enarson: No.

Dr. Sirak: It went before the full Board of Regents?

President Enarson: Yes.

Dr. Sirak: Then what were their reasons for turning it down, have we had any?

President Enarson:

Fear that somehow this would change our mission. John Mount is here. John, is it accurate that there was some fear, we think unjustified, that we would somehow steal students away?

Mr. John Mount:

That was the interpretation particularly here in Franklin County. It was clear that discussion upon this issue had taken place prior to the meeting and reported to me.

Mr. President, there is a great concern on the regional campuses that we go back before the Board of Regents. There is a concern also that the goal for the total University, for our faculty and students on the regional campuses want to be a part of one University, not have separate degrees out there. We would like to keep this one University. Further they do feel that it is right and proper for students who spend two years in an organized program on a regional campus to have a paper to show that they have achieved.

--O--

November 3, 1978 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, December 7, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Howard D. Sirak
Chairman

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APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 8, 1978

Page 272 is blank

The Recipients of Honors

Howard R. Bowen

Doctor of Humane Letters

Economist and educator, Howard R. Bowen has served with distinction in business, government, and higher education. His scholarly skills, applied to the economics of post-secondary education, have brought new understanding to the increasingly complex world of college and university finance. To his research he brings the keen insights gained as head of Grinnell College, the University of Iowa, and Claremont University Center. Numerous honors affirm the many contributions he has made. His recent studies document higher education as a sound investment and provide a timely beacon to guide our institutions of higher learning through the economic uncertainties of the future.

Anna Sokolow

Doctor of Humanities

A major figure in the modern dance revolution of this century, Anna Sokolow is at once a great choreographer, celebrated dancer, and distinguished teacher. She has been associated with all aspects of the development of dance in this country. Her artistic influence has been felt internationally as well, notably in Mexico and Israel. Her original ballets are in the repertoires of leading performing companies throughout the world. Underlying the creativity of her remarkable career is a penetrating insight into the human condition.

Frank Ransom Strong

Doctor of Laws

A recognized leader in American legal education and a leading authority in constitutional law, Frank Ransom Strong served this University and the College of Law with loyalty and dedication as dean, professor, scholar, and friend. His guiding hand shaped the college as it is known today, and his work continues to be reflected in every aspect of its programs. Under his leadership, the college prospered and developed the national reputation it now enjoys. He embodies the best in the tradition of American legal education. His many contributions to this University and to his profession stand in tribute to a career of great distinction.

Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

One hundred and thirty-nine candidates

Frank Robert Abate, Birmingham, Mich.; B.A. (Xavier University); M.A.; *Classics*; Dr. Carl C. Schlam

Mohammed Hamid Abdallah, Columbus; B.S., M.S. (American University of Beirut); *Agricultural Economics and Rural Sociology*; Dr. Fredrick J. Hitzhusen, Dr. Leroy J. Husak

Maryam Alavi, Columbus; B.A. (State University of New York College at Buffalo); M.S.; *Interdisciplinary: Business Administration, Industrial and Systems Engineering, Computer and Information Science*; Dr. Orlando C. Behling

Douglas Charles Bachtel, Colorado Springs, Colo.; B.S., M.S. (Colorado State University); *Agricultural Economics and Rural Sociology*; Dr. Ted L. Napier

Robert Alan Barcus, Columbus; B.A., M.A.; *Psychology*; Dr. Andrew I. Schwebel

Atallah Ahmad Gheyas Baroudi, Lebanon; B.S. (Cairo University); *Horticulture*; Dr. Wilbur A. Gould

Michael Harry Baumgardner, Columbus; B.S., M.A.; *Psychology*; Dr. Anthony G. Greenwald

Kathleen Grabaskas Beal, Columbus; B.S. (Ohio Dominican College); M.S.; *Zoology*; Dr. Thomas C. Grubb, Jr.

Elizabeth Bell, Clinton, S. C.; B.A. (Allen University); M.A. (Indiana University); *Education*; Dr. Edward D. Allen

Priscilla Beth Bell, Columbus; B.S. (Mount Union College); M.S.; *Chemistry*; Dr. Andrew A. Wojcicki

Donna Freshman Berlin, Columbus; B.S. (Syracuse University); M.A. (New York University); *Education*; Dr. Martin L. Languis

Nageshwar Rao Bhaskar, India; B. Tech. (Indian Institute of Technology); M.Sc. (Maryland State University); *Civil Engineering*; Dr. Vincent T. Ricca

Keith Louis Bildstein, Warren, N. J.; B.S. (Muhlenberg College); M.S.; *Zoology*; Dr. Thomas C. Grubb, Jr.

Kathleen Clare Blieszner, Columbus; B.A. (Mercyhurst College); M.S.; *Chemistry*; Dr. Derek Horton

Patricia Crego Boylan, Columbus; B.A. (Kalamazoo College); M.A. (Western Michigan University); *Education*; Dr. Gilbert A. Jarvis

Stephen Thomas Brewster, Kettering; A.B., A.M. (Indiana University); *Mathematics*; Dr. William D. Homer, Dr. Henry H. Glover

Eric Dorn Brose, Columbus; B.A. (Miami University); M.A.; *History*; Dr. Andreas Dorpalen

Timothy Carr, Doylestown, Pa.; B.A. (Pennsylvania State University); M.A.; *Economics*; Dr. Herbert J. Parnes

Johnny Carter, Waverly, Ga.; B.S. (Fort Valley State College); M.S. (Tuskegee Institute); *Horticulture*; Dr. Dale W. Kretchman

Ralph Peter Cebulla, Hiram; A.B. (San Jose State College); M.A.; *Psychology*; Dr. Herbert L. Mirels

Ching-hsi Chang, Columbus; B.A. (National Taiwan University); M.A.; *Economics*; Dr. Herbert S. Parnes

Wanda King Cheek, Roswell, Ga.; B.S., M.S. (University of Southern Mississippi); *Home Economics*; Dr. Mary Lapitsky

Shih-Meng Sherman Chen, Taiwan, R.O.C.; B.A. (National Taiwan University); M.A.; *Economics*; Dr. Edward J. Kane

Marion Ursula Cohn, Westerville; B.A. (University of California); M.A. (California State College); *Psychology*; Dr. David Hotherall

Steven Leroy Cook, Keyser, W. Va.; B.S. (West Virginia University); M.A.; *Chemistry*; Dr. John A. Secrist, III

James Henry Cowardin, Columbus; B.S. (United States Naval Academy); M.A.; *Education*; Dr. John O. Cooper

Cecilia Ann Crawford, Columbus; B.A. (Florida State University); M.A.; *Psychology*; Dr. Henry R. Angelino

Elizabeth Fortunato Crider, Fairfax, Va.; B.S. (West Chester State College); M.A.; *History*; Dr. Sydney N. Fisher

Robert Gordon Cromley, Columbus; B.A., M.A.; *Geography*; Dr. Jeffrey P. Osleeb

Michael Alan Crosby, Windsor, Ont., Canada; B.A., M.B.A. (Andrews University); *Accounting*; Dr. Thomas J. Burns

David Winn Cunningham, Jr., Pahokee, Fla.; B.M.E. (Florida State University); M.A.; *Music*; Dr. Richard H. Hoppin

Drew Allen Denton, Columbus; B.S., M.Ed. (University of Missouri); *Education*; Dr. Robert R. Bargar

Satish R. Desai, Columbus; B.S. (University of Baroda); M.Tech. (Indian Institute of Technology); M.S. (University of California); *Industrial and Systems Engineering*; Dr. Richard A. Miller

William Rushworth Dickson, Calgary, Alta., Canada; B.A., B.Ed. (University of Alberta); M.Ed. (University of British Columbia); *Education*; Dr. Luvern L. Cunningham

Patricia Jane Donegan, Columbus; A.B. (College of Notre Dame of Maryland); M.A.; *Linguistics*; Prof. Robert J. Jeffers

Christopher Krzysztof Druzalski, San Mateo, Calif.; Diploma, MSEE (Polytechnic Institute of Warsaw); M.S.; *Electrical Engineering*; Dr. Richard M. Campbell

Harry Eugene Eisel, Westerville; B.A. (Saint Charles Borromeo College); M.A.; *Psychology*; Dr. Henry R. Angelino

Mohamed Shawki Ahmed El-Ghazali, Cairo, UAR; B. Civil Engineering (Cairo University); M.S. (Institute of Aerial Survey); M.S.; *Geodetic Science*; Dr. Sanjib K. Ghosh

Ramon Acantilado Evangelista, Quezon City, Philippines; B.S. (University of Philippines); *Chemistry*; Dr. Jack Hine

Tamara Schlienger Evans, Gambier; Ped. (University of Bern); Testamur (University of Exeter); M.A., M.A.; *German*; Dr. Gisela M. Vutt

John Robert Farley, Columbus; B.S. (Miami University); M.A.; *Education*; Dr. Morris E. Gilliom

Aray Miguel Feldens, Porto Alegre, Brazil; Diploma, M.S. (Universidade Federal do Rio Grande); *Agricultural Economics and Rural Sociology*; Dr. Donald W. Larson

Jo Ellen Hitch Force, Worthington; B.S. (Iowa State University); M.S.; *Industrial and Systems Engineering*; Dr. Richard A. Miller

Barbara Oney Garvey, Hanover, Ind.; B.A. (Transylvania College); M.A.; *Communication*; Dr. John J. Makay

Nick Gatz, Worthington; B.A. (Fenn College); M.A.; *Public Administration*; Dr. Arthur D. Lynn, Jr.

Richard Davis Godfrey, Granville; B.M.E., M.S.; *Mechanical Engineering*; Dr. Charles F. Sepey, Dr. Henry R. Velto

Joanne Marie Golden, Columbus; A.B. (Ohio University); M.A. (University of Dayton); *Education*; Dr. Martha L. King

Richard Carl Gosswiler, Charlottesville, Va.; B.A. (Maryville College); M.A. (University of Tennessee); *History*; Dr. Bradley Chapin

Charlotte Krack Green, Seattle, Wash.; B.A. (Wittenberg University); M.A.; *English*; Dr. Richard D. Aitick

Lawrence Wade Grimes, Columbus; B.S.A., M.S. (University of Georgia); *Animal Science*; Dr. Walter R. Harvey

Rickie Sue Grunden, Celina; B.S., M.A.; *Physical Education*; Dr. Barbara A. Nelson

Richard Alan Haugland, Pittsburgh, Pa.; B.S. (Muskingum College); *Developmental Biology*; Dr. Morris G. Cline

Andrew Haines Hawkins, Columbus; B.S. (Slippery Rock State College); M.A.; *Physical Education*; Dr. Walter F. Erising, Dr. Vance W. Cotter

Gail Hasselbach Henderson, Worthington; B.S., M.A. (Michigan State University); *Education*; Dr. Charles M. Galloway

Roger John Henning, Parma; B.S. (Baldwin-Wallace College); *Geology and Mineralogy*; Dr. Wayne A. Pettyjohn

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Thomas Otto Iles, Charleston, W. Va.; B.S.Ed. (Ohio University); M.A.; *Education*; Dr. Thomas M. Stephens

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- Marilyn Dunk Lafferty, Granville; B.S. (Denison University); *Anatomy*; Dr. G. Adolph Ackerman
- June Bok Lee, Parma; B.S. (Seoul National University); M.S.; *Metallurgical Engineering*; Dr. Roger W. Staehle
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- Terry Joseph Mazanec, Solon; A.B. (Cornell University); *Chemistry*; Dr. Devon W. Meek
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- Jesse David Parete, Jr., Lima; B.S. (State University of New York College at Brockport); M.A. (Bowling Green State University); *Education*; Dr. Jon L. Higgins
- Helen Celia Paul, Columbus; B.A. (Hamline University); M.A.; *Psychology*; Dr. Lyle D. Schmidt
- Anthony David Pellegrini, Moosup, Conn.; B.A. (Nassau College); M.A.; *Education*; Dr. Johanna S. DeStefano
- Stephen Earl Peterson, Columbus; B.S., M.A. (Michigan State University); *Education*; Dr. George L. Trzebiatowski
- Nancy Josephine Pitner, Columbus; B.S.Ed. (Youngstown State University); M.A.; *Education*; Dr. Raphael O. Nystrand
- Algimantas Jonas Pliodzinskas, Cleveland; B.S., M.S. (University of Akron); *Environmental Biology*; Dr. Charles E. Herdendorf; Dr. N. Wilson Britt
- Daniel Andrew Potter, Ithaca, N.Y.; B.S. (Cornell University); M.S.; *Entomology*; Dr. Donald E. Johnston
- Richard Ellsworth Pratt, Danvers, Mass.; B.S. (Lowell Technical Institute); *Biochemistry*; Dr. Lee F. Johnson
- Anita Christensen Pritchard, Bakersfield, Calif.; B.A. (California State College at Bakersfield); *Political Science*; Dr. Aage R. Clausen
- Ann Littmann Rappoport, Wyncote, Pa.; A.B. (Oberlin College); M.A.; *Political Science*; Dr. Philip D. Stewart
- Elbert Milton Ross, Columbus; B.S. (Fayetteville State University); M.A., M.A. (Fisk University); *Education*; Dr. Stanley L. Helgeson
- Janet Elaine Rubin, Glenville, W. Va.; B.A. (Pennsylvania State University); M.A. (University of Connecticut); *Education*; Dr. George L. Lewis
- Masood Sabihi, Iran; B.Sc. (Pahlavi University); M.S.; *Agricultural Education*; Dr. Robert W. McCormick
- Larry A. Sachs, Columbus; B.S. (Rose Polytechnic Institute and Indiana State University); M.A. (University of Arkansas); *Education*; Dr. Richard J. Skumway
- Timothy Lee Sanz, Versailles, Ky.; A.B. (Indiana University); M.A.; *Slavic Languages and Literature*; Dr. Kenneth E. Naylor
- Chester Arthur Schriesheim, Kent; B.S., M.B.A. (Michigan State University); *Business Administration*; Dr. Orlando C. Behling
- Janet Fulk Schriesheim, Kent; B.A. (Michigan State University); M.B.A.; *Business Administration*; Dr. H. Randolph Bobbitt, Jr.
- Sandra Laranell Shands-Strong, Columbus; B.S.Ed. (Wilberforce University); M.A.; *Education*; Dr. Robert J. Silverman
- Theodore Paul Shannon, Columbus; B.A. (Malone College); M.A.; *Agricultural Education*; Dr. Richard H. Wilson
- Hany Amin Shawky, Guiderland, N.Y.; B.S. (Ain Shams University); M.S., M.B.A. (Ohio University); *Business Administration*; Dr. Andrew H. Chen
- Gail Anne Siegerdt, Xenia; A.B., M.A. (University of Illinois); *Communication*; Dr. Keith Brooks, Dr. Thomas A. McCain
- William Randolph Simpson, Great Falls, Va.; B.S. (Virginia Polytechnical Institute); M.S.; *Aeronautical and Astronautical Engineering*; Dr. Gerald M. Gregorek
- David Scott Sink, Columbus; B.S., M.S.; *Interdisciplinary: Industrial and Systems Engineering, Public Administration, Education and Business Administration*; Dr. William T. Morris
- Kwame Sintim-Damoa, Wamfie, Ghana; B.S. (University of Science and Technology); M.S.; *Metallurgical Engineering*; Dr. George R. St. Pierre
- Seyoum Solomon, Columbus; B.S. (Haile Selassie I University); M.S. (Michigan State University); *Agricultural Economics and Rural Sociology*; Dr. Donald W. Larson, Dr. Francis E. Walker
- Robert Allen Stier, Deerfield Beach, Fla.; B.A. (College of the Holy Cross); M.A.; *Psychology*; Dr. Malcolm Helper
- Brent Marvin Strong, Colorado Springs, Colo.; B.A. (Brigham Young University); M.S. (Georgetown University); *Education*; Dr. Edward D. Allen
- George William Sturm, Grove City; B.A. (Ohio University); M.S.; *Statistics*; Dr. D. Ransom Whitney, Dr. Michael A. Fligner
- Jamalludin Bin Sulaiman, Columbus; Diploma (College of Agriculture); B.S., M.S. (University of California at Davis); *Agricultural Economics and Rural Sociology*; Dr. Leroy J. Hushak
- Herbert Richard Summers, Glendale, Calif.; B.S. (University of California, Los Angeles); M.S.; *Physics*; Dr. Philip E. Wigen
- John Alan Swartz, Youngstown; B.S., M.A. (Athenaeum of Ohio College); M.A. (Saint Louis University); *Education*; Dr. Robert W. Wagner

Christine Elaine Thompson, West Lafayette, Ind.; B.A., M.A. (Indiana State University); *Classics*; *Dr. Charles L. Babcock*

Hung Ban Tran, Viet Nam; B.S.E.E., M.S. (Ohio University); *Electrical Engineering*; *Dr. Jack H. Richmond*

Richard J. Uriarte, Columbus; B.S. (State University of New York College at Oneonta); M.S.; *Chemistry*; *Dr. Devon W. Meek*

Boudewijn Hendricus Van Gelder, The Netherlands, Holland; Diploma, M.Sc. (Delft University of Technology); *Geodetic Science*; *Dr. Ivan I. Mueller*

Mary Ann Young VonGlinow, Manhattan Beach, Calif.; B.A. (Bradley University); M.B.A., M.A.; *Business Administration*; *Dr. H. Randolph Bobbitt, Jr.*

Ronald William Walker, Columbus; B.S., M.S. (University of Tennessee); *German*; *Dr. Harry Vredevelde*

Ying Wang, Keelung, China; B.S. (National Chung-Hsing University); M.S.; *Chemistry*; *Dr. Leon M. Dorfman*

Jerry Lewis Warren, Wauwatosa, Wis.; B.A. (Southern Methodist University); M.A. (University of Oregon); *German*; *Dr. Johanna S. Belkin*

Gary Arthur Welch, Houston, Tex.; B.S., M.S.; *Metalurgical Engineering*; *Dr. Roger W. Staehle*

Kenneth Earl Wilkes, Columbus; B.S.M.E. (Duke University); M.S.M. (Purdue University); M.S.; *Physics*; *Dr. Mohammed Yaqub*

David Slate Williams, Columbus; B.S., M.S. (North Carolina State University); *Metalurgical Engineering*; *Dr. John P. Hirth*

Sue-Lein Lee Yang, China; B.S. (National Taiwan University); *Chemistry*; *Dr. Perry A. Frey*

Stephen Curtis Yerian, Columbus; B.A. (Kenyon College); M.S.; *Physics*; *Dr. L. Carlton Brown*

Pui Ho C. Yuen, Columbus; B.S. (State University of New York College at Stony Brook); *Pharmacy*; *Dr. Theodore D. Sokoloski*

James Patton Zeigler, Columbus; B.S. (Muskingum College); *Chemistry*; *Dr. Jack Hine*

Clifford W. Zukin, Menlo Park, Calif.; B.S. (University of Oregon); M.A.; *Political Science*; *Dr. Herbert B. Asher*

Certificate of Specialist in Translation from the Russian Social Sciences

One candidate

Dana Lynn Murphy, Cincinnati; B.A. (Emory University)

Master of Accounting

One candidate

Ronald Richard Brown, West Jefferson; B.S.Ed.; *Accounting*

Master of Architecture

Four candidates

Emil Aurel Bogden, III, Columbus; B.S.Arch.; *Architecture*

Michael J. Lough, Columbus; B.S.Arch.; *Architecture*

George C. Skarmas, Athens, Greece; Ptychion (National Technical University of Athens); *Architecture*

Terry Alan Willis, Worthington; B.S.Arch.; *Architecture*

Master of Arts

One hundred and fifty-seven candidates

Ben Sola Adeyemi, Ado Ekiti, Nigeria; B.A. (University of Ife); *Health Education (Physical Education)*

Priscilla Ham Alexander, Worthington; B.A. (Wellesley College); M.S.W.; *Public Administration*

Carolyn Sue Allen, Worthington; B.S.Ed.; *Education*

Leslee McDaniel Anderson, Reynoldsburg; B.S.Ed. (Capital University); *Education*

Susan Campbell Arnold, Columbus; B.S.Ed. (Miami University); *Education*

Azam Attar, Tehran, Iran; B.A., M.A. (University of Tehran); *Education*

Bruce Warren Aument, Columbus; B.A. (Capital University); *Anthropology*

Beverly McClure Battersby, Columbus; B.S.Bus.Adm. (Bryant College of Business Administration); *Education*

Donald Robert Beck, Worthington; B.S.Ed.; *Education*

David Joseph Benyi, Columbus; B.S.Ed.; *Education*

Vanessa R. Besteda, Mobile, Ala.; B.S.Bus.Adm.; *Business Administration*

Mary Ann Beverly, Columbus; A.B. (Bryn Mawr College); *Slavic Languages and Literatures*

Julie Ann Bonfini, Akron; B.A.; *Physical Education*

Gregory W. Boughton, Stow; B.A. (University of Akron); *Slavic Languages and Literatures*

Dale Everett Brown, East Canton; *History*

Karen Anita Brown, Cincinnati; B.S.Soc.Wel.; *Education*

Dennis Edward Carley, Coventry, R. I.; B.A. (University of Rhode Island); *Psychology*

Anne Marie Catanzano, Arlington, Mass.; A.B. (Boston College); *Communication*

Judy Anne Charles, Granville; B.S. (Ohio Northern University); *Education*

David Carl Churchman, Columbus; B.S.Ed.; *Education*

Clifford Lynn Clements, Columbus; B.S.Ed.; *Education*

Judith S. Cobau, Springfield; B.S. (Mary Washington College); M.Ed. (Pennsylvania State University); *Interdisciplinary—Dance, Theatre*

Karen Yvette Cole, Riviera Beach, Fla.; B.S. (Bethune-Cookman College); *Sociology*

Robert H. Colson, South Bend, Ind.; B.A. (University of Notre Dame); *Accounting*

Edmund G. Cook, III, Rosemont, Pa.; B.A. (Amherst College); *History*

K. Geoffrey Cooper, Bellaire; B.A. (Dennison University); *Journalism*

Peggy Ward Corn, Ashland, Ky.; B.A. (University of Kentucky); *English*

Cynthia Brown Coxhead, Columbus; B.A. (Wellesley College); *Education*

Linda Creager, Columbus; B.S.Ed. (Ohio University); *Education*

James Hoffman Daggett, II, Groveport; B.S.; *Education*

Raymond Curtis Danziger, Springfield, N. J.; B.A. (Oberlin College); *Physical Education*

Lois Jean Darmstadter, Columbus; B.A.; *Psychology*

Marshá Davis, Buffalo, N. Y.; B.A. (State University of New York at Buffalo); *Journalism*

William John Deckman, Mayfield; B.A.; *Public Administration*

Ian Drake Deming, Worthington; B.S.; *Education*

John Bruce Denton, Galena; B.S.Ed.; *Education*

Ellen Keyse Dick, Columbus; B.S.; *Education*

Paula Ann Staniszewski Diener, New Kensington, Pa.; B.S. (Edinboro State College); *Education*

Debra J. Dozier-Coulter, Georgetown, S. C.; B.A. (Voorhees College); *Black Studies*

Terry L. Eichler, Orrville; B.A. (Muskingum College); *History*

John Albert Estes, King George, Va.; B.A. (College of William and Mary); *Photography and Cinema*

Donna Gutentag Estreicher, Cleveland; B.A.; *Psychology*

Stefanie Reggio Fell, Matamoras, Pa.; B.S. (Pennsylvania State University); *Education*

Marian Elizabeth Field, Sturgis, Mich.; B.S. (Miami University); *Public Administration*

Patricia B. Friese, Bexley; A.B. (Monmouth College); *Slavic Languages and Literatures*

Rebecca Lynn Garda, Ashland, Ky.; B.A. (University of Kentucky); *Communication*

Deborah Lea Gerhard, Columbus; B.A.; *Journalism*

Michael E. Gerner, Dayton; B.S.Ed.; *Education*

Patricia M. Gifford, Columbus; B.S.Ed.; *Education*

Kenneth Bruce Gold, Columbus; B.S.Bus.Adm.; *Business Administration*

Daryl Goldman, Philadelphia, Pa.; B.A. (State University of New York College at Buffalo); *Psychology*

Joan Leslie Goldstein, Columbus; B.S.Ed.; *Education*

- Kathleen Matthews Gray, Oklahoma City, Okla.; B.M. (University of Oklahoma); *Music*
- Madeleine G. Green, Granville; B.A.; *Romance Languages and Literatures*
- Gail A. Gregory, Columbus; B.A.; *Photography and Cinema*
- Patricia Berry Hannon, Columbus; B.S.Ed.; *Art Education*
- Janice Marlene Harden, Columbus; B.A.; *Journalism*
- Sarah Anne Hardesty, Prince Frederick, Md.; B.A. (Gettysburg College); *Psychology*
- Evan William Hauck, Exton; B.A. (Dickenson College); *Classics*
- Jose Maria Manuel Hernandez, San Antonio, Tex.; B.A. (Troy State University); *Education*
- Philip Lewis Hersch, Long Island City, N. Y.; B.A. (Queens College); *Economics*
- Harry Wayne Himelright, Cuyahoga Falls, N. Y.; B.S.Ed.; *Physical Education*
- George Hoffman, Columbus; B.A.; *Journalism*
- Julia Maxwell Hook, Orient; B.S.; *Education*
- Michael Lee Hoover, Danville; B.S.Ed. (Ashland College); *Education*
- Pamela Marie Hoover, Danville; B.S.Ed. (Ashland College); *Education*
- Frederick Curtis Hutchinson, Silver Hill, Md.; B.A. (Morgan State University); *Political Science*
- Rei-Shang Wang Hwang, Taipei, Taiwan; B.A. (National Taiwan University); *Anthropology*
- Charles Richard Ingram, Lewistown, Pa.; B.S. (Pennsylvania State University); *Physical Education*
- David Keennon Johnston, Marion; B.S.Ed.; *Education*
- Guy Jones, Pittsburgh, Pa.; B.A. (University of Pittsburgh); *Black Studies*
- Linda Stepp Jordan, Orient; B.S.; *Education*
- Jami Louise Josefek, Stamford, Conn.; B.A. (Miami University); *Linguistics*
- Ellen Fowlkes Givens Judy, Columbus; B.M. (West Virginia University); *Theatre*
- Linda Lee Kelly, Grove City; B.S.Ed.; *Communication*
- Noreen C. Kittrell, Youngstown; B.A.; *Education*
- Jeffrey Dale Kline, Worthington; B.S.Bus.Adm.; *Physical Education*
- Evelyn Carol Kokai, Columbus; B.A. (Capital University); *Education*
- Deborah A. Konitsney, Ambridge, Pa.; B.A. (Pennsylvania State University); *Psychology*
- Ellen Louise Krajcovic, Lyndhurst; B.A. (Case Western Reserve University); *Geography*
- Susan R. Lancaster, Bellevue, Wash.; B.A. (Washington State University); *German*
- Michael Albert Landin, Elm City, N. C.; B.A. (East Carolina University); *English*
- Brian J. Lehrer, Bayside, N. Y.; B.A. (State University of New York College at Albany); *Journalism*
- Charles W. Leisenheimer, III, Toledo; B.A.; *Education*
- Robin Juliet Lowe, Madison, N. C.; B.S. (Shaw University); *Communication*
- Michael Thomas Lucid, Dayton; B.A.; *Romance Languages and Literatures*
- Nannette Vicars Maciejunes, Bexley; B.A. (Denison University); *History of Art*
- Glenna G. Major, Columbus; B.A. (Ohio University); *Education*
- Stewart Edward Mayer, Ballston Lake, N. Y.; B.S.Ed. (State University of New York College at Cortland); *Physical Education*
- Julian Woodburn McCracken, Jr., Asheville, N. C.; B.A. (University of North Carolina); *Physical Education*
- Rose Ann McElrath, Cincinnati; B.S. (University of Cincinnati); *Public Administration*
- Manley Kevin McGee, Columbus; B.A. (Ohio Dominican College); *Economics*
- Abigail Crosby McKean, Columbus; B.A. (Maryville College); *Education*
- Donna Charlene McMoore, Charlotte, N. C.; B.A. (Winston-Salem State University); *Sociology*
- Eileen Graham Meers, Worthington; B.S.Ed.; *Education*
- Jeanne Marie Mellett, Coshocton; B.S.Ed. (Miami University); *Education*
- Jean Ann Miller, Columbus; B.S.; *Education*
- Yolanda Eileen Miller, Asheville, N. C.; B.S. (Shaw University); *Communication*
- Thomas John Montagno, Marion; B.A.; *Education*
- Juanita Morant, Lumberton, N. C.; B.A.; (Saint Augustine's College); *Sociology*
- Melgenia C. Morgan, Decatur, Ga.; B.A. (Fisk University); *Economics*
- Miriam Ellen Morrison, Columbus; B.A. (Capital University); *Journalism*
- Blaine Eugene Moyer, Akron; B.S.; *Photography and Cinema*
- Judith Montgomery Munzinger, Columbus; B.S.; *Education*
- Daniel Patrick Murray, Columbus; B.A. (College of Saint Charles); *Education*
- Roger Weldon Myers, Mt. Vernon; B.A. (Salem College); *Black Studies*
- Ian B. Nassau, Hartsdale, N. Y.; B.A. (University of Miami); *Psychology*
- Shaun Perry Nicholson, Alliance; B.A. (Bowling Green State University); *Journalism*
- Jo Chern Nolt, Columbus; B.S.; *English*
- Ethel Maureen Norris, Petersburg, Va.; B.M. (East Carolina University); *Music*
- Sally R. Oddi, Columbus; B.S.Ed.; *Education*
- Sharon Ann Bernard Oliver, Columbus; B.S.Ed.; *Education*
- Yong Paik, Seoul, Korea; B.F.A. (Seoul National University); *Industrial Design*
- Maxine A. Robinson Pannell, Columbus; B.S. (West Liberty State College); *Education*
- Thomas Stewart Paulucci, Gowanda, N. Y.; B.A. (State University of New York College of Buffalo); *Psychology*
- Sharon Kathleen Peal, Shadyside; B.S. (Ohio University); *Education*
- Marie Frances Peters, Danville, Pa.; B.S.; *Psychology*
- Joseph P. Pillion, Newton, Mass.; B.A. (Western Michigan University); *Communication*
- Renée Lenice Pryor, Kansas City, Mo.; B.A. (University of Kansas); *Communication*
- Mirtha N. Quintanales-Fox, Delaware; A.B. (University of Illinois); *Anthropology*
- Barbara Joan Ralston, Columbus; B.S.Nurs.; *Health Education (Physical Education)*
- James Andrew Ries, Columbus; B.S.Ed.; *Education*
- Carol Ann Roberts, Pittsburgh, Pa.; B.S.Ed. (Duquesne University); *Black Studies*
- Emily B. Rutherford, Granville; B.A. (Smith College); *Education*
- Joseph Harris Saling, II, Columbus; B.A.; *English*
- Glenda Rhea Sevea, Columbus; B.A. Ed.; *Education*
- Catherine A. Schaller, Niagara Falls, N. Y.; B.A. (Niagara University); M.S. (State University of New York College of Buffalo); *Anthropology*
- Gary Scott Singletary, Orlando, Fla.; B.S.Bus.Adm. (Texas American University); *Public Administration*
- Patricia Saunders Smith, Chillicothe; A.B. (Western Kentucky University); *Education*
- Madelyn Louise Smoody, Cincinnati; B.A. (Seton Hill College); *Economics*
- Linda L. Sohner, Columbus; B.S. (Bowling Green State University); M.Ed. (Pennsylvania State University); *Communication*
- Genyi C. Soo, Lessel, Nigeria; B.S. (Rio Grande College); *Education*
- Rebecca J. Spicer, Lima; B.S. (Otterbein College); *Education*
- Pamela Louise Stacy, Columbus; B.S.; *Education*
- Brenda Strohl Steinbrecher, Delaware; B.S.; *Education*
- Jane R. Sutter, Columbus; B.A.; *Anthropology*
- Muftah Ahmed Swi, Columbus; B.S. (Ohio University); *Education*
- Carolyn Talbert, Columbus; B.A. (Ohio Dominican College); *Education*
- Linda Joyce Tarbox, Akron; B.A. (Vanderbilt University); *History of Art*
- Carolyn M. Taylor, Willits, Calif.; B.S. (Alabama College); *Education*

Jane Hammond Taylor, Columbus;
B.S.; *Education*

Sue Antoinette Tepe, Cincinnati;
B.S.; *Public Administration*

Donna J. Terbizan, Novelty;
B.S. (Cleveland State University);
Health Education (Physical Education)

David W. Test, Oneonta, N. Y.;
B.A. (Eisenhower College); *Education*

Timothy Martin Teynor, Dover;
B.S. (College of Steubenville);
Public Administration

Luxana Theerakul, Bangkok, Thailand;
B.Ed. (Chulalongkorn University);
Education

Alan E. Toops, Columbus;
B.S.; *Education*

Delvius Elaine Wagner, Chicago, Ill.;
B.S. (Oakwood College); *Communication*

Daniel Douglas Walker, Lyndhurst;
B.S. (University of Cincinnati);
Public Administration

Judy Ann Walker, Gahanna;
B.S.; *Education*

Marian F. Wells, Columbus;
B.S.; *Education*

Robert D. Wells, Columbus;
B.A. (Clark University); *Psychology*

Robert James Whitlitt, Madison, Wis.;
B.S. (University of Wisconsin);
Physical Education

Olivia Marie Willis, Pine Forge, Pa.;
B.S. (Columbia Union College);
Communication

Neil Wilner, Flushing, N. Y.;
B.A. (Queens College); *Accounting*

Elaine M. Zabor, Columbus; B.A.
(University of Akron); *Public
Administration*

Richard Vincent Zucco, Willoughby;
B.S. (Kent State University); *Education*

Master of Business Administration

Thirty-five candidates

Larry Richard Bernstein, South Euclid;
A.B. (Washington University);
Business Administration

Louise E. Budde, Columbus;
B.S.Bus.Adm.; *Business Administration*

Brenda Chaney, Baltimore, Md.;
B.S. (Coppin State College);
Business Administration

John Russell Conley, Columbus;
B.S.; *Business Administration*

Nancy A. Edwards, Columbus;
B.S. (Bowling Green State University);
Business Administration

Charles W. Ewing, Jr., Cleveland;
B.S.; *Business Administration*

Christopher Mark Fearing, Bay Village;
B.B.A. (Ohio University);
Business Administration

Arthur C. Heintel, Cleveland;
B.S.B.A. (John Carroll University);
Business Administration

David Douglas Heston, Columbus;
B.A.; B.S.; *Business Administration*

Craig T. Hill, Lima; B.S. (University of
Colorado); *Business Administration*

Susan M. Houck, Camp Hill, Pa.;
B.S. (Pennsylvania State University);
Business Administration

Robert Scott Ingraham, Columbus;
B.S.; *Business Administration*

Jonathan Carson Ivec, Cleveland;
B.S. (John Carroll University);
Business Administration

Gary Steven Kays, Cincinnati;
B.S.; *Business Administration*

Richard A. Kostura, Chagrin Falls;
B.A.; *Business Administration*

Frederick Horn Laubach, IV, Wooster;
B.S.; *Business Administration*

Joan B. Lauback, Columbus;
B.A. (University of Nebraska);
Business Administration

Debra Elaine Linick, Columbus;
B.A. (University of Michigan);
Business Administration

Reginald Chibuzo Momah, Nigeria;
B.S. (Central State University);
Business Administration

Michael Angelo Montevideo, Niles;
B.S.E.E.; *Business Administration*

Oluwole A. Ogungbuyi, Lagos, Nigeria;
B.S.; *Business Administration*

Ernest Isimemeh Osagie, Denmark, S. C.;
B.S. (Wilberforce University);
Business Administration

Paul T. Pope, II, Lakewood; B.S. (Miami
University); *Business Administration*

Adair Schaffer, Columbus;
B.A. (Ohio Dominican College);
Business Administration

Charles F. Schultz, Ann Arbor, Mich.;
B.A. (Capital University);
Business Administration

Patty Lou Scott, Crozet, Va.;
B.S. (Virginia State College);
Business Administration

Alan T. Steigerwalt, Columbus;
B.S. (University of Delaware);
Business Administration

Robert S. Sweney, Bucyrus; B.S. (Miami
University); *Business Administration*

David DeVier Taylor, Columbus;
B.S.; *Business Administration*

Michael Patrick Tracey, North Ridgeville;
B.S. (Miami University);
Business Administration

Anthony P. Vitale, Jr., Bethpage, N. Y.;
B.A. (State University of New York
at Binghamton); *Business Administration*

Daniel Thomas Windnagle, Sandusky;
B.S.; *Business Administration*

Monlin Martin Wu, Kaehsiung, Taiwan;
B.Bus. (Tamkang College);
Business Administration

Tak-Wei Yau, Taipei, Taiwan;
B.S. (College of Chinese Culture);
Business Administration

Brenda Sue Yost, Clarksburg;
B.S. (West Virginia University);
Business Administration

Master of City and Regional Planning

Six candidates

Randell Roy Bauman, Worthington;
B.A. (Miami University);
City and Regional Planning

Richard K. Fromuth, Columbus;
B.S. (Drexel University);
City and Regional Planning

Maria Leal, Mexico City, Mexico;
Architect (Universidad Nacional Autonoma
de Mexico); *City and Regional Planning*

Susan Maslow, Riverside, Calif.;
B.A. (University of California at Los
Angeles); *City and Regional Planning*

Algis Anthony Puras, Chicago, Ill.;
B.A. (DePaul University);
City and Regional Planning

Abolfazl Vahdatinia, Mashad, Iran;
B.S. (National University of Iran);
City and Regional Planning

Master of Fine Arts

Two candidates

Jeffrey Stearns Alexander, Santa Barbara,
Calif.; B.A. (University of California at
Santa Barbara); *Art*

Pamela L. Johnson, Columbus; B.A.
(Saint Mary's College); *Theatre*

Master of Labor and Human Resources

Two candidates

Louis Jay Chodosh, Columbus; B.A.
(Rutgers University); J.D. (Capital
University); *Labor and Human Resources*

Rebecca Loring Smith, Ashland; B.S.;
Labor and Human Resources

Master of Music

One candidate

Mark Huddleston Cramer, Hidalgo, Ill.;
B.M. (University of Michigan); *Music*

Master of Science

One hundred and thirty-nine candidates

Hossein Abolmolouki, Tehran, Iran;
B.S.E.E.; *Electrical Engineering*

Jimmy A. Akinbiyi, Columbus; B.S.
(Wright State University); *Agronomy*

Michael Stephen Alexander, South Euclid;
B.S. (University of Notre Dame);
Chemistry

Stephen A. Altobelli, San Antonio, Tex.;
B.A. (Rice University); *Aeronautical and
Astronautical Engineering*

Marilyn Gehlhausen Andrews,
Huntingburg, Ind.; B.S. (Ball State
University); *Chemistry*

- Hirudayaraj Arockiaswamy, Tiruchi, India; B.S.; M.S. (University of Madras); *Mathematics*
- Peggy Lawson Asplund, Columbus; B.S. (Duke University); *Civil Engineering*
- Federico A. Baltodano, San Jose, New Mexico; B.E. (University of Costa Rica); *Civil Engineering*
- Lisa Kay Bauman, Worthington; B.S.; *Horticulture*
- Ernest F. Brickell, Sayre, Okla.; B.S. (Oklahoma State University); M.S.; *Computer and Information Science*
- Margaret Jean Brissenden, Columbus; B.S.; *Home Economics*
- Gael N. Buckley, Worcester, Mass.; B.S. (Florida State University); *Computer and Information Science*
- Mark Charles Calcaterra, Detroit, Mich.; B.E.E. (University of Detroit); *Electrical Engineering*
- Donna L. Caldwell, Washington, D. C.; B.S. (Bennett College); *Home Economics*
- Ta-Hua Chang, Taiwan, R.O.C.; B.S.E. (National Cheng Kung University); *Civil Engineering*
- Fu-Hua Cheng, Tainan, Taiwan; M.S. (National Tsing-Hua University); *Mathematics*
- Rit Chiang, Tolland, Conn.; B.S. (Lowell Technical Institute); *Computer and Information Science*
- Diane Messenger Clapp, North Babylon, N. Y.; B.S. (State University of New York College at Oneonta); *Home Economics*
- Mark Coady, Carle Place, N. Y.; B.S.; *Animal Science*
- David W. Coleman, Los Alamos, N. M.; B.A. (Pomona College); *Computer and Information Science*
- Dean Henry Conklin, Columbus; B.S.; *Agricultural Economics and Rural Sociology*
- JoEtta Westfall Cooper, Springfield; B.A. (Ohio Wesleyan University); *Home Economics*
- Robert Elwin Corder, Fairfield; B.S. (University of Cincinnati); *Microbiology*
- William H. Cormier, Fitchburg, Mass.; B.S. (University of Lowell); *Electrical Engineering*
- Jennie Marjorie Cross, Niles; B.S.Nurs. (Saint Louis University); *Nursing*
- James Robert Davies, South Australia; B.Ag.S., Dipl.Ed. (University of Adelaide South Australia); *Agricultural Education*
- Douglas L. Dill, Urbana; B.S. (Urbana College); *Agricultural Education*
- Vickie L. Douglas, DeGraff; B.S.; *Home Economics*
- Stylianios Drakatos, Athens, Greece; B.S. (New York Institute of Technology); *Electrical Engineering*
- Panagiota Economopoulos, Athens, Greece; D.D.S. (University of Athens); *Pathology*
- Milud Abdallah El-Gammudi, Tripoli, Libya; B.S. (University of Tripoli); B.S. (International Institute of Aerial Survey and Earth Science); *Geodetic Science*
- Antonio Carlos Elias, Brazil; *Dentistry*
- Abolfazl Famili, Tehran, Iran; B.S. (Tabriz University); *Agricultural Engineering*
- Andrew Donald Fenemor, Nelson, New Zealand; B.S. (Lincoln College); *Agricultural Engineering*
- Michael William Fleming, Manchester, Conn.; B.S. (Fairfield University); *Zoology*
- Russell T. Fling, Columbus; B.S.E.E.; *Electrical Engineering*
- Lee E. Flodin, Islington, Mass.; B.S. (University of Massachusetts); *Animal Science*
- Eunice Fanning Foster, Columbus; B.S. (Otterbein College); *Agronomy*
- Janet B. Fox-Moatz, Cleveland; B.S.; *Nursing*
- Jeffrey Louis Gerber, Columbus; B.G.S. (University of Michigan); *Natural Resources*
- Eliza Glover, Cleveland; B.S.H.E.; *Agricultural Education*
- Barbara Ann Hackman, Columbus; B.A. (Miami University); *Pathology*
- Dhananjay Hajela, Columbus; B.S.; *Mathematics*
- Allen Woodward Haley, Jr., Columbus; B.S. (Iowa State University); *Computer and Information Science*
- John Ellsworth Hansley, II, Columbus; B.S.; *Natural Resources*
- Lynn Simpson Hanzlick, Columbus; B.S.Nurs.; *Nursing*
- Robert B. Hauck, Dearborn, Mich.; B.M.E. (Villanova University); *Mechanical Engineering*
- Catherine Archibald Herron, Zanesville; B.S. (Capital University); *Nursing*
- Lynda Jenkins Heyl, London; B.S.; *Home Economics*
- Harold J. Hoops, III, Columbus; B.A. (Carrroll College); *Botany*
- Deborah J. Howard, Murfreesboro, N. C.; B.S. (North Carolina A & T University); *Home Economics*
- Cheng Hau, R.O.C.; B.S. (Tungshai University); *Industrial and Systems Engineering*
- David Zeno Hursh, Shelby; B.S.; *Chemistry*
- Barbara Kay Huskins, Asheville, N. C.; B.S. (Loma Linda University); *Allied Medical Professions*
- Ellen K. Imbody, Marion; B.S. (University of Wisconsin); *Allied Medical Professions*
- Ibrahim Ahmed Ismail, Magburaka, Sierra Leone, West Africa; B.A. (Rutgers University); *Chemistry*
- Gary A. Jeffrey, Chicago, Ill.; B.S. (Loyola University); *Chemistry*
- Carol Grim Jenkins, Gahanna; B.S.; *Nursing*
- Hueylin Jiang, Taipei, Taiwan; B.S. (Fu-Jen Catholic University); *Food Science and Nutrition*
- John William Johnson, Calumet, Mich.; B.S. (Michigan Technological University); *Chemistry*
- Robyn R. Jones, Middletown; B.S. (Ohio University); *Home Economics*
- Michael William Joosten, Albuquerque, N. M.; B.S.Met.E.; *Metallurgical Engineering*
- Nanda Prakash Joshi, Bhaktapur, Nepal; B.S. (Punjab Agricultural University); *Poultry Science*
- Farokh Kafizadeh, Iran; B.S. (Jundi Shapur University); *Animal Science*
- Alan J. Kaylo, Pittsburgh, Pa.; B.A. (DePauw University); *Chemistry*
- Janet Elaine Tillberg Keller, Dayton; B.S. (Kansas State University); *Home Economics*
- William J. Kent, Jr., Detroit, Mich.; B.S. (Spring Hill College); *Electrical Engineering*
- Uh Chul Kim, Seoul, Korea; B.S. (Seoul National University); *Metallurgical Engineering*
- Peter J. Kirwin, Cambridge, Mass.; B.A. (University of Notre Dame); *Mathematics*
- Laurence R. Kish, Gahanna; B.S.E.E.; *Electrical Engineering*
- Michael Kluse, Gahanna; B.S. (Miami University); *Industrial and Systems Engineering*
- Francois J. Koenig, Bethesda, Md.; B.E.E. (Catholic University of America); *Electrical Engineering*
- Nancy Amacher Kostura, Euclid; B.S.Nurs.; *Nursing*
- Ralph Joseph Kramer, III, Columbus; B.S. (Purdue University); *Civil Engineering*
- Barbara Cacamo Kroll, Youngstown; B.A. (Youngstown State University); *Home Economics*
- James Norman Lax, Green Bay, Wis.; B.S. (University of Wisconsin); *Atmospheric Sciences*
- Rohit Sadashiv Lele, Bombay, India; B.Tech. (Indian Institute of Technology); *Electrical Engineering*
- Shin-Lu M. Liu, Taiwan, R.O.C.; B.S. (Chung Yuan Christian College of Science and Engineering); *Civil Engineering*
- Judith Richardson Lubbers, Washington, Ill.; B.S. (Iowa State University); *Chemistry*
- Ira Brent Mandell, Columbus; B.S.; *Animal Science*
- Jon R. Manheim, Centerville; B.S. (Pennsylvania State University); *Chemical Physics*
- *Gene Anthony Marsh, Dayton; *Agricultural Economics and Rural Sociology*
- Sister Mary John Marzluf, Columbus; B.A. (Ohio Dominican College); *Allied Medical Professions*
- Marsha Lyn Maurer, Reynoldsburg; B.S. (Miami University); *Allied Medical Professions*

* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

Donald Leroy McDowell, Grove City, Pa.;
B.S. (Grove City College); *Chemical Engineering*

Marion Ray McKinnie, Pikeville, N. C.;
B.S. (North Carolina A & T State University); *Animal Science*

Samuel C. McNamee, Frankton, Ind.;
B.I.E. (General Motors Institute);
Industrial and Systems Engineering

Cynthia Lee Meeker, Chillicothe;
B.S.Nurs.; *Nursing*

Anthony O. Meves, Columbus;
B.S.Nurs.; *Nursing*

Ruth White Mickey, Reynoldsburg;
B.S.; *Nursing*

Dennis G. Milbert, Rockville, Md.;
B.A. (University of Colorado);
Geodetic Science

Charles Alan Mitchell, Birmingham, Ala.;
B.S. (University of Alabama);
Computer and Information Science

Robert Jeffrey Moffatt, Mansfield;
B.S.; *Animal Science*

James Patrick Monahan, Cincinnati;
A.B. (Case Western Reserve University);
Aeronautical and Astronautical Engineering

Carol J. Mount, Columbus;
B.S.; *Microbiology*

Craig Donaldson Nardone, Columbus;
B.S.; *Geology and Mineralogy*

Carlos Eugenio Kantek Garcia Navarro,
Curitiba, Brazil; D.V.M.; *Veterinary Pathobiology*

Joyce J. Nelli, Cleveland; B.S.N.
(Saint Louis University); *Nursing*

Michael Francis O'Shea, Deep River, Conn.;
B.S.E.E. (United States Air Force Academy); *Electrical Engineering*

Susan Lee Oskins, Wilmington, Ill.;
B.S. (Evansville College); *Nursing*

Carol Elizabeth Ottinger, Northampton,
Mass.; B.S.N. (Ohio University); *Nursing*

Nancy Louise Patton, Massillon;
B.S.; *Nursing*

Donald R. Perine, Prichard, Ala.;
B.A. (Dillard University); *Chemistry*

William David Peters, Baltimore, Md.;
B.S. (Saint Mary's College of Maryland);
Zoology

Frederick Paul Pizzo, Cincinnati;
B.S. (University of Cincinnati);
Civil Engineering

Edward F. Poyner, Chillicothe;
A.B. (Ohio University); *Agronomy*

Richard Thomas Profant, Jr., Jefferson;
B.S. (Kent State University);
Nuclear Engineering

Patricia A. Prothro, Pittsburgh, Pa.;
B.S. (Duquesne University); *Nursing*

Craig E. Raub, New Middletown;
B.S. (Youngstown State University);
Computer and Information Science

Olivier Henri Rinaldi, Paris, France;
B.S.E.E.; *Electrical Engineering*

Robert C. Rivet, Woonsocket, R. I.; B.A.
(Boston College); *Agricultural Economics and Rural Sociology*

Christopher Francis Rizzo, Manassas, Va.;
B.A. (Buffalo State College); *Horticulture*

Babajide Adebola Rogers, Lagos, Nigeria;
B.S. (Oklahoma State University);
Agricultural Economics and Rural Sociology

Lorey James Roggenkamp, Worthington;
B.S.; *Natural Resources*

William Jackson Rose, Jr., Columbus;
B.S.; *Zoology*

Robert Charles Rosing, Columbus;
B.S. (University of Cincinnati);
Animal Science

David Daniel Rowlands, Worthington;
B.S.; *Mathematics*

Phillip W. Russell, Nashville, Tenn.;
B.A. (Vanderbilt University); *Biophysics*

Dennis Wayne Schroll, Jamesport, Mo.; B.S.
(University of Missouri); *Aeronautical and Astronautical Engineering*

Charles R. Semer, IV, Wooster; B.S.
(University of Akron); *Plant Pathology*

Charles Ting-Shen Shyy, R.O.C.;
B.S. (National Taiwan University);
Civil Engineering

Richard Allen Sones, Dayton;
B.S.; *Physics*

Ana Maria Sonnemann, Mexico City, Mex.;
Licenciatura (University of Mexico);
Metallurgical Engineering

Gordon W. Spray, Fairborn;
B.S. (Occidental College); *Computer and Information Science*

Carlos Francisco Tapia Carlin, Puebla,
Puebla, Mexico; B.S. (Puebla Instituto de
Tecnologico); *Mechanical Engineering*

Charlene Martha Taylor, Vernon, Conn.;
B.S. (University of Connecticut);
Home Economics

Jeffrey Alan Titus, New Knoxville;
B.A.; *Microbiology*

Marc Henry Toennies, Middleburg Heights;
B.S.Agr.; *Dairy Science*

Jui-Yu Tung, Taiwan, R.O.C.; B.S.
(National Taiwan University); M.S.
(University of Wisconsin); *Computer and Information Science*

Njeri Waiyaki, Kenya; B.A. (Concordia
College); *Home Economics*

Mac Dwayne Washington, Carrollton, Ala.;
B.S. (Alabama A & M University);
Agricultural Education

Julie Bishop Weatherington, Columbus;
B.S.; *Geology and Mineralogy*

Lisa J. Wetmore, Canton;
B.S.Nurs.; *Nursing*

Bethany Lynne Wise, Columbus;
B.S.; *Allied Medical Professions*

Mildred Anderson Woods, Columbus;
B.S.; *Nursing*

Paulette Worthey, Detroit, Mich.;
B.S. (Wayne State University);
Industrial and Systems Engineering

Christine Anne Wynd, Willoughby;
B.S. (Saint John College of Cleveland);
Nursing

Midori Yoshikawa, Tokyo, Japan;
B.S. (Tokyo University of Agriculture
and Technology); *Entomology*

Iman Abdalla Yousry, Cairo, Egypt;
B.S.; *Mathematics*

Anton Peter Zurbrugg, Zanesville;
B.A. (Mount Union College);
Allied Medical Professions

Master of Social Work

Three candidates

Robert Carl Foulk, Jr., Newark;
B.S.; *Social Work*

Henry Lee Jenkins, Jr., Columbus;
B.S., M.A.; *Social Work*

Patricia Ann Vigneaux, Columbus;
B.A.; *Social Work*

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:
Andrew J. Broekema

Vice Provost for the Arts and Sciences:
Thomas A. Wilkie

The Colleges of the Arts and Sciences,
a federation of five colleges, include:

College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematics and
Physical Sciences

College of Social and Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Twenty-four candidates

Vicki J. Basham, Clinton
Vickiann Bennett, Columbus
William Jay Bennett, III, Columbus
Jon F. Berg-Johnsen, North Haven, Conn.
Roberta Nell Boston, Columbus
Paul F. Brest, Lorain
Gregory S. Brown, Columbus
Leslie Bard Corey, Wilmington, Del.
Lawrence Cotton, Shaker Heights
Bert Nelson Doddroe, Mt. Sterling
Gerry Lee Hinkle, Laura
Mary Edwina Isabel, Columbus
Kristian Clayton Johnson, Granville
Susan Keasey King, Columbus
Maryelizabeth Laskey, Rocky River
Richard James Miller, Columbus
Kristine K. Fairan, Millersport
Beverly Danison Radcliffe, Columbus
Teresa Yvonne Ranft, Columbus
Karl Boyd Rubin, Cleveland
Deborah Ann Salis, Columbus
Marjorie L. Schwartz, Columbus
Kerry Eileen Scullen, Annapolis, Md.
John D. Vazquez, Columbus

Bachelor of Fine Arts

Sixteen candidates

Debra Gayle Brouman, South Euclid
Teréasa Marie Capretta, Columbus
Donald Owen Crummer, Hudson
Karen Antoinette Danesi, Alliance
Donna Maria Distel, Worthington
Linda Adele Fowler, Columbus
*Susan Ethel Greenwald, Akron
Janice Louise Hechler, Columbus
Ellen Ann Hefner, Columbus
Eric Lamont Hoffhines, Columbus
Melissa Bruggeman Lorincz, Madison
Janice Christine Marras, Kettering
Kimberle Ann Rinderle, Newark
Thomas Joseph Seaman, Canton
Konrad Boyd Thomas, Columbus
Sandra Sue Wilhelm, Kettering

Bachelor of Music

Seven candidates

Stephen C. Anderson, Columbus
Wendi Marie Beer, Mansfield
Steven M. Bresnen, Columbus
Janet Lee Buswell, Canoga Park, Calif.
Kathryn May Davison, Petersburg
Michael Douglas Malloy, Columbus
Kathryn Marie Radcliffe, Columbus

Bachelor of Art Education¹

Ten candidates

Donald Charles Derenge, Columbus
*Susan Ethel Greenwald, Akron
Lisa Eileen Hall, Columbus
Judith Ann Handley, Columbus
Lisa Frazier Holmes, Worthington
Kathleen Dee Kerchmar, Columbus
Mary Ellen Lake, Sunbury
Terence Lynn Miller, Mansfield
Sandra Lee Pribish, Hincley
Philip Woolworth Smith, Columbus
B.F.A.

Bachelor of Music Education²

Nine candidates

Eric Ward Aho, Columbus
Yolanda Lynn Cole, Columbus
Julie Ellen Elliot, West Mansfield
Norman Scott Knutsen, Columbus
Linda Gaylene Lassen, Napoleon
James Bradford Muessig, Columbus
Alice Carolyn Schmitt, Worthington
B.A.
Carrie Lynn Sigwalt, Centerville
Jeanne Kristine Uhl, Columbus

College of Biological Sciences

Acting Dean: Patrick R. Dugan

Bachelor of Arts

One candidate

*Jeffrey M. Palusak, Campbell

Bachelor of Science

Twenty-one candidates

Bart Beverly, Columbus
William Scott Byrum, Columbus
William Ross Carr, Alliance
Stephen Wayne Fannin, Portsmouth
Roger Irwin Grove, Columbus
Edward Francis Hawkins,
University Heights
Jeffrey Ray Hill, Portsmouth
David Eugene Hypes, Columbus
Gordon Paul Keeler, Warren
Anthony Brian McCorkle, Miamisburg
Lori A. Meyer, Kettering
Marcia Lynn Mokry, Columbus
Kim Elizabeth Ream, Creston
Michael Roe Reed, Columbus
Steven Michael Ruben, Columbus
Patricia Peppercorn Snyder, New London
Randy Warren Spinks, Akron
Harwood Christian Stiles, Columbus
Robert David Tague, New Lexington
Matthew Charles Weber, Lorain
Kim Leigh Yee, Columbus

College of Humanities

Dean: Dieter H. Haenicke

Bachelor of Arts

Forty-one candidates

Judith Hanhart Ahlbeck, Worthington
*Karen Lee Allen, Bridgeville, Pa.
Sonja Anderson, Youngstown
Susan E. Arns, Shelburne, Vt.
Carol Jene Beebe, Sherwood
Mariou Beres, Brecksville
Alice Kay Blankenship, Portsmouth
David A. Brose, Columbus
Karen Wallace Burke, Columbus
Constance Christine Caito, Columbus
Ralph D. Church, Worthington
Julie Kay Cronk, Columbus
Maria Elena Cruz, Columbus
Douglas Jay Feigelson, Dayton
Douglas Edwin Fidler, Columbus
Phyllis Ford, Worthington
Patricia Ann Gaslin, Columbus
Glen D. Gray, Fort Worth, Tex.
Melinda Hofstetter, Cleveland
Andrea Sabrina Jackson, Akron
Kathleen Anne Kelly, Northfield, N. J.
David Allen Kizer, Columbus
Jeffrey David Krieville, Westerville
Robert Stephen Maciag, N.E. Canton
Nancy Lynn Macleod, Columbus
Jonathan David Markus, Columbus
Sue Ellen McBrayer, Hilliard
Patrick D. McMillian, Cleveland
Kent Allen Mitchell, Columbus
Debra Sue O'Taherty, Newark
Cynthia Elaine Paulos, Columbus
Randall Scott Schwartz, Youngstown
Ellen Seibert, Powell
Charlene Wilson Seiler, Columbus
Robert Kiyoshi Shield, Columbus
Catherine Suzanne Smith, Columbus
José Roberto Suarez, Cincinnati
Charles Albert Sudetic, Columbus
Nancy Jane Ulry, Columbus
*Lawrence D. Vellani, Columbus
Bernard Perin Wilburn, Columbus
Amin J. Ziadeh, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Four candidates

Thomas Andrew Doyle, Reynoldsburg
Stanley Lee Ebensshade, Ashland
Jane Marie Siefker, Grove City
Clark Jay Weaver, Dayton

Bachelor of Science

Seventeen candidates

Alan L. Albertus, Columbus
David Edward Balcer, Columbus
John Thomas Eggert, Columbus
Howard Epstein, Columbus
Paul Steward Fisher, Westerville
Kevin Dean Flory, Xenia
Debbie Mae Herring, Columbus
Michael Austin Kipp, Mansfield
Stuart Alan Lewis, Cincinnati
Candace Elaine Line, Marion
Shadia Helmy Mahmoud, Worthington
John Andrew Maul, Jr., Columbus
David Charles Meisman, New Richmond
Medei Moheimani, Tehran, Iran
Stephen Dean Price, Newark
Steven Wayne Rogers, Columbus
James Willie Smith, Augusta, Ga.

College of Social and Behavioral Sciences

Dean: Edward C. McDonagh

Bachelor of Arts

One hundred and fourteen candidates

Darwin Dee Alford, Cincinnati
Elizabeth Marie Allen, Delaware
Gregory Douglas Appel, Columbus
William Howard Atha, Worthington
Thomas Edward Austen, Mansfield
Marla Marie Beal, Akron
Drew C. Beinbrech, Westerville
Sandra Ruth Betz, Columbus
Timothy P. Boeh, Ashland
Patty Lynn Boyles, Columbus
Pamela Jean Brown, Columbus
Nigel Ronald Brush, Columbus
Robert T. Bush, Columbus
Brigid Anne Butler, Columbus
Thomas Joseph Byrne, Columbus
Carmen M. Carbone, Columbus

¹ Offered jointly by the College of the Arts and the College of Education
² Also Bachelor of Fine Arts, Colleges of the Arts and Sciences
³ Also Doctor of Dental Surgery, College of Dentistry
⁴ Also Bachelor of Science in Education, College of Education
⁵ Also Bachelor of Art Education, College of Education

Shirley Carey, Marion
 Phillip E. Carter, Akron
 David Clark Champion, Akron
 Brenda Chaney, Columbus
 Colleen Denise Character, Cleveland
 Jacqueline R. Collier, Dayton
 Gary R. Collins, Johnstown
 Kevin Alan Davis, Xenia
 Thomas Lee Davis, Columbus
 Sharon DeMatteis, Columbus
 Michael Ayden Dibble, Columbus
 Mary Eastlake, Sardinia
 Thomas Joseph Eblin, Columbus
 Jenny Ellen Edwards, Columbus
 Bradley C. Elrod, Sylvania
 Judith Enciso-Saylor, Mechanicsburg
 Victoria G. Fanning, Springfield
 Margherita Ann Finelli, Columbus
 Donn Vincent Frizzell, Columbus
 William Michael Gleich, Columbus
 Sterling Goodrum, Cleveland
 John F. Griebel, Heath
 Joan Diane Grigg, Columbus
 Deborah Lynne Grim, Columbus
 *Nancy Lee Guckenheimer, Columbus
 Zeinab Rachty Hamdy, Columbus
 Jana L. Hazelbaker, Columbus
 Janet Paider Hennessy, Columbus
 Daniel J. Herschede, Cincinnati
 Marie W. Higginbotham, Newark
 Bruce W. Hubach, Aurora
 Robert Charles Hyatt, Columbus
 Nasir Issa Ismaili, Columbus
 Roy Thomas Jenkins, Columbus
 Leslie Ann Johnston, Granville
 John Leroy Jones, Jr., Columbus
 Wayne Morgan Jones, Newark
 Edward Leonard Joseph, Cleveland Heights
 Nancy Joan Juhasz, Gates Mills
 Krista Jo Julian, Columbus
 Pamela Ann Kimball, New Philadelphia
 Mildred E. King, Columbus
 Kathryn Ann Kondrotas, Dayton
 David A. Krishock, Columbus
 Thomas Stanley Kurpiel, Columbus
 Joel C. Laidig, Gahanna
 Peter C. Lentz, Columbus
 Donna Jean Lindsay, Lakewood
 Patrick Lucia, Westerville
 Randall Wayne Maguire, Columbus
 Steven Raymond Mantey, Dayton
 Bruce Louis Manzano, Brecksville
 Vida Matejic, Columbus
 Sue Ellen Mattinen, Painesville
 Jonathan D. McCurdy, Columbus
 David C. Montgomery, Columbus
 Debra M. Moore, Newark
 Bruce Richard Nardulli, Pittsburgh, Pa.
 David Paul Needles, Enon
 Paul Edward Nichols, Cincinnati
 Mary Alice Nixon, Columbus
 Christina Beall Norris, Massillon
 Randall Eric Oaklief, Lucas
 Dorothy Evonne Parker, Belleaire
 David Hayward Pfommi, Dayton
 Vernon D. Pierce, Jr., Groveport
 Steven Mark Platau, Columbus
 Patricia Sue Reynolds, Allendale, N. J.
 Robert Karl Ritziann, Strongsville
 Michael William Sanders, Grove City
 Connie Marie Scaggs, Columbus
 David Thomas Schuler, Marion
 Douglas Edward Schumick,
 Canal Winchester
 Julie Theibert Seiple, Columbus
 Linda Kay Shapiro, Columbus
 John Carl Shepps, London
 Paul Scott Sidlo, Columbus
 Jeffrey Lee Siems, Columbus
 Christopher Steven Singley, Danbury, Conn.
 Richard David Skrance, Columbus
 Martin Joseph Smith, Columbus
 David Norman Somerville, Shelby
 Geoffrey Charles Stafford, Columbus
 Gregory Keith Stanley, Cincinnati
 Terry Mark Stradtman, Sandusky
 James Anthony Suber, Columbus
 Debra Lynn Lefte Swink, Columbus
 R. Lowell Taylor, Richmond

April Ane Thogmartin, Richmond
 Geri Trecker, Westerville
 Kent D. Vosler, Eaton
 Christopher Ward, Columbus
 Michael Allen Williamson, Delaware
 Steven Allan Wilson, Pataskala
 Brenda Carolyn Wolfe, Saugus, Mass.
 Rosemarie Yanda, Lakewood
 Sandra K. Yost, Baltimore
 Thomas Robert Zack, Russell

Bachelor of Science

Eighteen candidates

Dale William Bainbridge, Huron
 Felicia Bernardini, Cincinnati
 Richard E. Butterfield, Worthington
 Felicia Carroll, Columbus
 Amy Elizabeth Curtiss, Circleville
 James Patrick Drake, Marion
 James Robert Evans, Columbus
 Linda Marie Gauer, Stow
 Opree O. Joyner, Columbus
 David Alan Kurth, Columbus
 Michael Kevin McCartney, Maumee
 Kimberly P. McCloskey, Columbus
 Thomas Robert Meyer, Columbus
 Howard R. Mosley, Columbus
 Ann Maria Rotondi, Columbus
 Jessie Grace Shaw, Columbus
 Donald Joe Van Meter, Dublin
 Donald N. Wagner, Columbus

Bachelor of Arts in Journalism

Forty-three candidates

Jill Anne Baker, Cincinnati
 William J. Brennan, Columbus
 Douglas G. Branstetter, Columbus
 Thomas J. Crossgrove, Archbold
 William Ward Doerr, Bay Village
 John H. Hackman, Dayton
 Connie S. Hoblet, Archbold
 Margaret Mary Horvath, North Olmsted
 Anna Sacoras Hovind, Tiffin
 Mark Burkett Hovind, Columbus
 David Morris Huey, Columbus
 Dinah Israel Johnson, Columbus
 Jane Louise Kahoun, Maple Heights
 Michael Thomas Kapsa, Washington, D. C.
 George William Keachon, Menzgo
 Stuart Michael Keaton, Stow
 Connie Marie Lacy, Northfield
 Jennifer Lynn Mays, South Point
 Suanne McClung, Marion
 Thomas S. McCready, Akron
 Amy Susan Murray, Pittsburgh, Pa.
 Linda Anne Mutchler, Akron
 William John Nicholson, Columbus
 J. Scott Orr, Eatontown, N. J.
 Christopher C. Painchaud, Cleveland
 Michael Roy Pannell, Columbus
 Thomas Joseph Petrino, Richfield
 Natalie Elaine Pfeiffer, Columbus
 Linda Suzanne Reisch, Medina
 Vanessa Kay Rubin, Cleveland
 Frederick J. Scheuerman, Cleveland
 Jeffrey John Squire, North Chili, N. Y.
 John E. Stang, Bellefontaine
 Ricky L. Stelzer, Columbus
 Frederick Alan Stosberg, Columbus
 Janis Ann Surman, Allison Park, Pa.
 Edward P. Sygda, Ashtabula
 Susan Ann Thacker, New Holland
 Robert Clark Townsend, Mansfield
 D. Gregory Victor, Cincinnati
 Karen Anne Welzel, Columbus
 M. Dennis Wharton, Columbus

College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

Two hundred and eighteen candidates

William Royster Adams, Columbus
 Sherman Leroy Altick, Greenville
 Michael Lamont Austin, Columbus
 Donald Eugene Barham, Maple Heights
 Kenneth A. Basch, Mayfield Heights
 Steven Eugene Bathauer, Strongsville
 Philip James Beck, North Olmsted
 Edward Neal Bery, Woodsfield
 Kathleen Suzanne Biggs, Annapolis, Md.
 Thomas Joseph Black, Logan
 Charles Fred Blackstone, Dennison
 Daniel Joseph Bolzenius, Columbus
 Paul Scott Bond, Lima
 Keith Chris Borrelli, Mansfield
 Kevin E. Bowen, East Liverpool
 Cynthia Ann Brotzki, Sandusky
 George Edward Bryan, Zanesville
 William Boyd Butz, Columbus
 Corran John Cade, Worthington
 Donna Marie Cahill, Phillipsburg, N. J.
 Susan M. Carter, Columbus
 Carl Robert Cary, Cleveland
 John Anthony Castagnola, Solon
 Jeffrey Stewart Chapman, Columbus
 Vincent Theodore Charlett, II,
 Pittsburgh, Pa.
 Antonia Ciotola, Columbus
 John Paul Clark, Kenton
 Michael Douglas Colasurd, Columbus
 Edward B. Conry, Galion
 Thomas Scott Cook, Galloway
 James Hobart Coridan, Columbus
 Thomas John Cosgriff, Euclid
 Grady Louis Covington, Jr., Toledo
 Michael David Cronin, Reynoldsburg
 Marianne Curtis, Avon Lake
 Mark Stewart Danley, Columbus
 Charles M. Davidson, Jackson
 James Lowell Davis, Kingston
 Johnny Eugene Davis, Decatur, Ga.
 William Stewart Davis, III, Cincinnati
 Robert Joseph Deak, Grove City
 Michael John Dean, Columbus
 Gregory William Dean, Columbus
 Ben Scott Drozdzowicz, Toledo
 Nancy Ann Duffy, Columbus
 Charles Thomas Duvall, Columbus
 Stephen Egert, Rocky River
 Kimberlee Sue Elzey, Columbus
 John Burt Epperly, Selma
 Wayne C. Erdman, Columbus
 Lorales Alexander Ewing, Columbus
 Douglas Alan Farrand, Barberton
 Darrell Edward Ferrell, Piedmont
 Darrick Sean Finan, Lakewood
 George Mathew Finkes, Solon
 Mary Janet Folz, Columbus
 Daniel G. Fultz, Westerville
 Nicholas Joseph Furillo, Broadview Heights
 Abelardo A. Garcia, San Juan, Puerto Rico
 Patrick Kevin Gavin, Maumee
 Jeffrey Michael Geiger, Toledo
 Bruce Dudley Gibson, Hudson
 William Anthony Giovanello, Columbus
 John J. Girard, Columbus
 Joseph Alfred Goedde, Lima
 David Franklin Golden, Columbus
 Randal Eugene Graham, Shelby
 Gerald Wayne Gramlich, Columbus
 Jon Dorsey Grandon, Hilliard
 Jeffrey Michael Groom, Columbus

1 Also Bachelor of Art Education, College of Education

Charles Allen Gunnell, Jr., Columbus
 Anthony Frank Gusich, Garfield Heights
 Gerald D. Guy, Columbus
 James Allen Hange, Akron
 Kathryn Sue Hanna, Gahanna
 Harold James Harris, Cleveland
 Bryan D. Harrison, Columbus
 Bradford Lane Hartzler, Urbana
 Samuel James Hawkins, McDonald
 Carl Bryan Held, Coral Gables
 Paul Andrew Hendershot, Columbus
 Thomas Houk Henry, Thornville
 Craig Alexander Herzog, Wooster
 Jeffrey Lee Hill, Columbus
 Lawrence Allen Hilsheimer, Rittman
 Paul Clayton Holt, New Carlisle
 George Steven Holzapfel, Columbus
 Terry Hom, Cleveland
 Sharon Beltram Horlak, Westerville
 Christopher Earl Hostettler, Columbus
 Donald Edward Howard, Grove City
 Mary Martha Hudak, Akron
 William Lee Ihnat, Columbus
 J. Martin Irvine, Logan
 Dana Lewis Irwin, Lima
 Julie Kay Irwin, Columbus
 Le Bradford Janovitz, Shaker Heights
 Austyn Gordon Johnson, Akron
 Herbert Arnold Jones, Dayton
 Kathy Marie Kallman, Wadsworth
 Lynda Marie Kazmerzak, Columbus
 Philip Ralph Kendall, Columbus
 Frederick Paul Kiehne, V. Kettering
 Timothy Edward Kimmick, North Olmsted
 Austin Kivian, Columbus
 Kevin Dean Knoef, Centerville
 John Theodore Krashinsky, Marion
 Charles David Kreinbuhl, Kenton
 Thomas Jay LaHue, Loveland
 Frank S. Lasduk, Canton
 Andrew Edward Lazor, Warren
 Warren Paul Lindon, Cincinnati
 Harry Carl Linton, Oregon
 Richard Patton Little, Clarks Summit, Pa.
 Tena Colette Loudenback, Urbana
 Bradley Joseph Luckhaupt, Columbus
 Elizabeth Madachy, Columbus
 Scott Philip Madden, Cincinnati
 Edward Philip Martin, Worthington
 David Anthony Mayer, Hillsboro
 Herbert McCarter, Cincinnati
 Michael Joseph McCrery, Columbus
 Scott Allan McFarland, Worthington
 Leroy A. McKinney, Springfield
 Cindy Marie Meiring, Minster
 Robert Paul Meissner, Cleveland
 Richard Dean Melon, Norton
 Jayne Ann Metka, Worthington
 Mary Feng-Jyh Miao, Princeton, N. J.
 Marcia Lynn Might, Chardon
 Diane Marie Miller, Maria Stein
 Susan Annette Miller, Whitehall
 Joe A. Miraglietta, Mansfield
 Hiroko Miyazawa, Columbus
 Allan William Mojisizik, Richmond Heights
 Kerry Gorum Morrison, Worthington
 Thomas Alan Moser, Columbiana
 Charles David Mustine, Washington C. H.
 Jane Flown Myers, Parma
 Robert Dehn Nelson, Lagrange Park
 Mark Anthony Nerderman, St. Henry
 Robert Alan Nersinger, Penfield, N. Y.
 Christine Ann Norris, Worthington
 Gregg Alan Opper, Beachwood
 Anthony Martin Orlando, North Kingsville
 Vol Keeney Phillips, Jr., Columbus
 Thomas Edward Phillips, North Canton
 Stuart Aylesworth Postle, Hillsboro
 Michael Lee Powe, Canton
 Kevin Ian Pownall, Toledo
 Nancy Patricia Pratt, Toledo
 Susan Lynn Primus, Ashland
 Larry Allen Pringle, Mason
 Martin Paul Radigan, Brecksville
 Douglas Randolph, Euclid
 Sharon Jean Rausch, Warren
 Fred G. Ripepi, Parma
 Michael William Rish, Kettering

Thomas Anthony Roesch, Columbus
 B.A. (Lewis College)
 John Edward Roessler, Columbus
 Robert Joseph Rossi, Cortland
 Ronald Dale Rowland, Marion
 Curtis Ross Rubinstein, Bedford Heights
 Jacqueline J. Rudolph, Columbus
 Dana Keith Saunders, New Brighton, Pa.
 Bruce Logan Savage, North Canton
 Patrice Marie Schoenborn, Columbus
 Jeffrey Anthony Schoener, Columbus
 John M. Schottenstein, Columbus
 Vera Schreck, Parma
 Thomas Knox Schreiber, Tulsa, Okla.
 Sally J. Schwesinger, Geneva
 Barton Garrett Selby, Canton
 Deborah Lee Sexton, Brooklyn
 John Richard Shafer, Cambridge
 Thomas Nelson Shiflet, Newark
 William Charles Shimp, Columbus
 David Kevin Shird, Edina, Minn.
 David Scott Shookman, Youngstown
 Kimberley Gail Silvers, Cincinnati
 David John Smith, Wright Patterson AFB
 Eric Carl Smith, Wright Patterson AFB
 Randall Lee Smith, Findlay
 Daniel Edmund Storge, Lebanon
 Thomas Curtis Stover, Columbus
 Richard Douglas Stenz, Columbus
 Warren Sherwood Stevens, Urbana
 Terry Lee Stuart, Rock Creek
 James Irvin Swindler, Wilmington
 Jesada Tankigthanongsuk, Bangkok, Thailand
 Aysen Idir Tanyeri, Ankara, Turkey
 Mary Madeline Teglovic, Long Beach, Calif.
 Barry James Thiel, Columbus
 Richard William Thiel, Mountaineer
 H. Jerome Thomas, Warrensville
 John Roy Thomas, Reynoldsburg
 Richard Clifford Thornton, Cincinnati
 James Martin Trinter, Lorain
 Joseph David Tucker, Alliance
 Rebecca Dawn Turner, DeGraff
 Irene Vladimiroff, Cleveland
 Kurt Douglas Vogel, Springfield
 Joanne Oxley Wagner, Ashtabula
 Deborah Lynn Wallace, Columbus
 Jeffrey C. Weinland, Columbus
 Stephen Mark Weldon, Columbus
 Mark Aaron Welsh, Worthington
 Arthur Samuel West, Worthington
 Donald J. Westover, Massillon
 Robert Jonathan Wetling, Columbus
 Lynne Marie Williams, Columbus
 Robert Thomas Williams, Alger
 Victor John Williams, Newark
 John Harrison Winters, Toledo
 Steven Richard Winters, Marion
 Reynold Ridgeway Woof, Jr., Columbus
 Richard Lynn Zeller, Columbus
 Jeanine Kay Ziegler, Columbus

Bachelor of Science in Labor and Human Resources

Two candidates

Pearlene Yvonne Jackson, Toledo
 Eileen Mirasola, Toronto

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Eighty-one candidates

David Scott Adkins, Xenia
 Karen Lynette Allen, Cleveland
 Joy Renee Anderson, Lodi
 Neil Wayne Baker, Lisbon
 Jeffrey Dale Benton, Mingo Junction

Terry George Evans, Dayton
 James Steven Bergert, Columbus
 Pamela Bowers, Toledo
 Ralph David Bowers, West Alexandria
 Ronald Lee Brickner, Delphos
 Daniel Russ Burdett, Cincinnati
 Ronald Stewart Cohen, Philadelphia, Pa.
 Gwendolyn Sue Curtiss, Bellville
 Duane Fredrick Dirmeyer, Dola
 Susan Jean Ditter, Columbus
 Robert Wesley Ernsberger, Bluffton
 Terry George Evans, Dayton
 Troy Alva Evans, Manchester
 Susan Lucas Gordon, Columbus
 A.S. (Niagara City Community College, New York)
 Nelson Dwight Graham, Lyndhurst
 William Paul Grammer, Beloit
 Marion Gerard Hageman, Botkins
 Thaddeus Tressler Haines, Xenia
 Russell Alan Hakola, Marysville
 Robert John Hanley, Worthington
 Stephen Patrick Hannishin, Warren
 Cherie Lynn Harms, Brookville
 Patrick Joseph Higgins, Columbus
 Donald Ray Hill, Chillicothe
 Charles Everett Jarvis, Columbus
 Jeffrey Ray Jones, Mason
 Anita Naomi Kaplan, New York, N. Y.
 Randy Allen Keil, Cardington
 Rick Lowell Kirschner, Columbus
 Joseph Kozup, Warren
 Karen Sue Kuhlman, Worthington
 Brian William Latta, Fortoria
 Gene Anthony Marsh, Columbus
 Kurt Allen McAtee, Kettering
 Robert Kenderdine McKell, Chillicothe
 Dale Robert Minick, Kirtland
 Carl Michael Nagel, Middleburg
 Robert Michael Netz, Elmore
 Garrett Robert Oetzel, New Richmond
 Dennis Alan Overmyer, Delta
 James Richard Pospishil, Brunswick
 Dolores Ann Pruneski, Adena
 Thomas Alan Puch, Rayland
 Rex Randall Raque, Louisville, Ky.
 Jane Elizabeth Reef, Sardis
 Paul Leonard Riehm, Tiffin
 James Allen Rogers, Dayton
 Richard Allen Roland, Parma Heights
 Julie Ann Russell, Bloomingdale
 Walter Linus Sanders, Fort Loramie
 Donald Lee Schneider, Tallahassee, Fla.
 Frederick Paul Schommer, Columbus
 Terrance Lee Schreiner, Carey
 Thomas Charles Schroeder, Circleville
 Barbara Ellen Schwarz, Wilmette, Ill.
 Steven Ray Shafer, Marion
 James Gerald Shover, Somerset
 B.S. Opt.
 Michael Drew Sisson, Columbus
 Kenneth Eugene Snyder, Bucyrus
 Cindy Jo Souder, Dayton
 Michael Stevan Stahler, Beachwood
 Helen Marie Stearns, Shaker Heights
 Susan Marie Stelmack, Parma
 Patricia Jean Strader, Columbus
 Karen Sue Strouse, Ashland
 Scott Alan Stover, Columbus
 James Clarence Summers, Shelby
 Robert Lynn Suter, Pandora
 Victor Alexander Szabo, Avon
 Jeffrey Michael Trammell, Parma
 Karen Sue Trinkle, Cincinnati
 Cindy Lugbill Vinco, Cridersville
 Jerry Lee Walther, Holgate
 Nancy Lynn Wecker, Wadsworth
 Timothy Charles Wiant, Cable
 Roger Roy Young, Baltimore

Bachelor of Science in Food Science

Three candidates

Toddie Steven Mullen, Springfield
 Joseph Edward Myers, Jr., Dayton
 Daniel Warner Parke, Columbus

* Master of Science in Graduate School

Bachelor of Science in Food Technology

Four candidates

Badri Leela Ghaffari, New Haven, Conn.
Robert Dean Held, Columbus
Douglas Carl Mack, Mt. Healthy
Mikael Bruun Pedersen, Columbus

School of Home Economics

Bachelor of Science in Home Economics

Forty-four candidates

Theresa Blubaugh Abdel-Aal, Somerset
Janet Kreamer Breidenbach, Columbus
Sharon Rose Cassidy, Lakewood
Sue Smith Coley, Warsaw
Rosetta Maria Collins, Coshocton
Susan Maria Crew, Hebron
Mark Louis DiSabato, Worthington
Catherine Ann Duston, Fredericktown
Pamela Jane Frisley, Chagrin Falls
Dagmar Sylvia Gross, Sandusky
Christie Louise Hiles, Bay Village
Cathy M. Hone, Celina
Eva Kalus, Cleveland
Kara Anton Knebel, Columbus
Norma Rhodes Koch, Salem
Laurie Ann Lisk, Washington C. H.
Jane Ann Lohn, Xenia
Kathy Jo Lott, Westerville
Elizabeth Jane Loucks, Columbus
Jennifer Anne Masny, North Ridgeville
Leslie Gayle McCall, Worthington
Monica L. Millicie, North Royalton
Nancy Jean Ramsey, Lancaster
Sara Jean Morehead, Amanda
Nancy A. Noble, Fredericktown
Helen Mary Paparodis, Salem
Jody Suzanne Pollack, Columbus
Ofelia Popov, Westlake
Hallie J. Powell, Columbus
Debra Jean Ramey, Lancaster
Cheryl A. Richardson, Lakeview
Deborah Sue Roseler, Wellington
Elaine Faye Rubin, Columbus
Victoria Anne Sanders, Gahanna
Jane Ann Sberna, Circleville
Carol Ellen Shafraan, South Euclid
Wanda L. Smith, Hilliard
Judith Elaine Thompson, Akron
Nancy McCrea Townsend, Worthington
Julie Anne Vance, Columbus
Christina Marie White, Zanesville
Cynthia Carlson Wolfe, Columbus
Scarlett Michele Younkun, Columbus
Teresa A. Zack, Columbus

Bachelor of Science in Nutrition

One candidate

Peggy Ann Burris, Columbus

Bachelor of Science in Restaurant Management

One candidate

Sarah Jane Link, Celina

School of Natural Resources

Bachelor of Science in Natural Resources

Fifty candidates

Mark Andrew Babey, Cincinnati
Kirby Neal Barford, Marion

Jeffery Irving Becker, Lebanon
Gerald Wilfred Bergman, Minster
William James Bing, Worthington
Randall Lee Brown, Woodbury, N. Y.
Dennis Eugene Courtad, Bucyrus
John Charles Cummings, Marietta
James Lower Dean, Columbus
Richard Fredrick Dille, Stockport
Jonathan Haynes Dowdy, Columbus
Katherine Kaye Ervin, Columbus
Jeffrey Collins Foraker, Tallmadge
Bradley Scot Foster, Thornville
Terry Mannion Glynn, Hamilton
Susan Elizabeth Grigsby, Columbus
Jacqueline M. Gwin, Cincinnati
Doris Kay Haskell, Canton
Robert Lincoln Hatton, Columbus
Anna Marie Heemskerck, Columbus
Bruce Albert Huewe, Toms River, N. J.
Kraig Easley Kemz, Berea
Edward Jeffrey Kircher, Columbus
Daniel Clarence Knuth, Deerborn Heights, Mich.
Richard Louis Kostecka, Powhatan Point
Richard Wright Laird, Westerville
James Ray Lambert, Beaver
Lynn Ellen LeMaster, Columbus
Gregory L. Loesch, Mansfield
Carl Ann Lucas, Columbus
Jane Anne McGorum, Worthington
Paul Pawlowicz, Columbus
Albert John Pollack, Elyria
Cheryl Ann Pope, Parma
Theresa Louise Roether, Findlay
Janice Ann Rogalski, Columbus
Suzanne B. Roush, Columbus
Daniel Thomas Scheuerman, Middlebury Heights
Dale Lee Schuler, Portsmouth
Alan Joseph Schulkers, Reading
Gary Arthur Sheely, Lima
Scott Wane Shoemaker, Loveland
Mark William Smith, Lorain
Shelia Scott Sobotta, Fairview Park
Lesley Ann Swink, Chardon
Orin Thomas Watts, Gallipolis
Edward John Weisenberger, Tiffin
Gerald Lee Whitcraft, Columbus
Mark Steven Whitmer, Bradford

Agricultural Technical Institute—Wooster

Associate in Applied Sciences

Twenty-seven candidates

Sandi Leigh Abend, Parma
Kathryn Marie Bauer, Walnutport, Pa.
Max Charles Dade, Newton Falls
Theresa Ann Denny, Paulding
Stacey Ruth Diehl, Loudonville
Randy William Dwire, New Lebanon
Ronald Richard Ferencsak, Boardman
Kathy Jayne Fortnam, Worthington
John Steven Gerlach, Westerville
Gregg Joseph Gluth, Galein, Mich.
David Jacob Goerig, Leetonia
Stephan John Homan, Cincinnati
Donald Frank Hovanes, Cleveland
Keith Sherman Kaiser, Sagamore Hills
Lynn Florence Kingsland, Holmesville
Darlene Dee Lazarchic, Mentor
David Allen Liddle, Akron
Nathaniel Collins Mann, Nashville, Tenn.
Tracey Ann McLaughlin, Columbus
James Joseph Moysenko, Kent
Gregg Brian Neitzel, Euclid
Keith David Rase, Minford
Robbie Edward Roberts, Michigan Center, Mich.

Carol Ann Robinson, Tallmadge
Lois Ann Smith, Newark
Suzanne Stella Tellalian, Aurora
Nancy Irene West, Marysville

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

Two candidates

William Robert Lippert, Toronto B.S.

Jeffery Michael Palusak, Campbell B.A.

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

One hundred and sixty-two candidates

Robert Stephen Abbott, Jr., Columbus
Donna Marie Abramovich, Brecksville
Scott Lyle Albert, Bellefontaine
Karen Lee Allen, Bridgeville, Pa.
Barbara Ruth Anderson, Sidney
Richard Bryan Anderson, Columbus
Gusta Chamberlain Arrington, Columbus B.A. (Judson College)
Beverly Riley Babbert, Grove City
Stephen Paul Balogh, Columbus
Jerrilyn Vaughan Banks, Columbus
Patricia Ellen Phegley Baron, Columbus
Susan Marie Belli, Columbus
Kenneth Levi Blackburn, Portsmouth B.A.
Charity Lee Blickenstaff, Mansfield
Diane Ellen Bogenrife, Sedalia
Pamela Sue Boroski, Columbus
Lorra Leigh Boyce, Mt. Perry
Sheila Rae Boyd, Marion
Anne Boyer, Worthington
Gloria Jarvis Bragg, Grove City
Marcia Mae Brake, Richmond
Harold Webster Brandenburg, Middletown
Robert Bernard Burns, Worthington
Terry Charles Burris, Columbus
Dixie Kaye Cameron, Upper Sandusky
Jo Ann Arick Carpenter, Gahanna B.S.
Rebecca Rader Carter, Bellefontaine
Carmine Louis Cassese, Youngstown
Deborah Sue Chaboty, Dayton
David Lee Charles, North Ridgeville
Karen Lee Chervenak, Huron
Robert Jackson Cleaver, Jr., Hamilton
William James Crowl, Sunbury
Ann Weeks Dabney, Columbus
Sharyn Ann Datsko, Alliance
Brent William Davis, Columbus
James Owen Delp, Ada
Philip Steven DeVore, Columbus
John Miles Dunbar, Columbus

¹ Also Bachelor of Science in Education, College of Education
² Also Bachelor of Arts, Colleges of the Arts

LaDonna James Edgell, Columbus
 Thomas Charles Ellenfeld, Mansfield
 Elizabeth Ann Epps, Massillon
 Cathie Lee Evans, Edison
 Teresa Agnes Faehle, Columbus
 Lance Alethia Farmer, Cleveland
 Vic Paul Favot, Toronto, Ont., Canada
 Bradley Eugene Felkey, Bucyrus
 David Wilson Fisher, Columbus
 Laurie Beth Fleming, Columbus
 Judith Creighton Frenton, Columbus
 Diane Katherine Froede, Columbus
 (Cert. Grad. Dent. Hyg.)
 Stuart Charles Gardner, Washington C. H.

B.A.
 Scarlett Anne Genzman, Oak Harbor
 Mark Anthony Gibson, Mansfield
 Barbara Lynn Gottlieb, Columbus
 (Cert. Grad. Dent. Hyg.)
 Winston Anthony Greene, Mansfield
 Nancy Kunkle Gregg, Fredericktown
 Nancy Lee Guckenheimer, Columbus
 Gary Robert Guglielmi, Columbus
 Barbara Jane Haeseler, Geneva
 Darrell Eugene Hanke, Columbus
 Karen Sue Harris, Mansfield
 Nancy Jean Harris, Columbus
 Mary Ann Harley, Whitehall
 Craig Allan Harkey, Columbus
 Faye Zimpher Herriott, Columbus
 Susan Lea Hersman, Doylestown
 (Cert. Grad. Dent. Hyg.)

Robert Lewis Hoffman, Jr., Reynoldsburg
 Carol Standley House, Marengo
 Maureen Dempsey Hoynes, Dayton
 (Cert. Grad. Dent. Hyg.)

Joan Marie Hughes, Warren
 (Cert. Grad. Dent. Hyg.)
 Kelly Shay Hykes, North Canton
 Mary Anne Ingalls, Columbus
 Cynthia Moore Jones, Fredericktown
 Steve Charles Jones, Columbus
 Elyse Marie Jurek, Canfield
 (Cert. Grad. Dent. Hyg.)

Kathleen Alice Keggan, Marion
 Jane Marie Kelley, Columbus
 William Arthur Kerekes, Magnolia
 Jeffery Alan Kobelt, Bedford
 April Leigh Konneker, Naples, Fla.
 Mark Creed Kraker, Columbus
 Gregory Lee Krasley, North Olmsted
 Linda Mollenauer Kyle, Columbus
 B.A. (New York University)

Candace Veldine Laynes, Newark
 Lynn Ellen LeMaster, Columbus
 Kathy Lynn Lemon, Loudonville
 Connie Marie Love, Heath
 Joan Marie Luther, Canton
 Scott David MacDonald, Portsmouth
 Wade Ronald Arthur Manning,
 Shaker Heights

Terry Preston McAfee, Marion
 Maura McCarthy, Fairview Park
 (Cert. Grad. Dent. Hyg.)
 Carlton Gale McClenathan, Columbus
 Mary Jeanette McGee, Columbus
 Sandra Lynn McGhee, Columbus
 Timothy Irvin McLane, Columbus
 Katherine Mildred Mershon, Warren
 (Cert. Grad. Dent. Hyg.)

Pamela Elizabeth Mote, Pataskala
 Beth Ann Nolder, Whitehall
 Kelley Anne Oberholtzer, Ashland
 Michelle Ann Orcutt, Columbus
 Jacqueline Jo Parks, Columbus
 Jill Hileman Patterson, Newark
 Sheila Kay Patterson, North Lima
 Diana Lynn Petzold, Lyndhurst
 Susan Seddon Reed, Worthington
 Debra Jean Reinemann, Xenia
 Francis Michael Rico, Richmond Heights
 Mary Rae Riedmiller, Marysville

Anita Gail Rogers, Columbus
 (Cert. Grad. Dent. Hyg.)
 Nancy Link Ross, Westerville
 Lynne Claire Rustad, Lakewood
 Grace Alice Sacher, Columbus
 Kimberly C. Sanfilippo, Columbus
 James Edwin Sanford, Jackson Center
 Anne Elisabeth Schuster, Hudson
 Rhonda Lee Seales, Columbus
 Cathy Jo Secliot, Columbus
 Spencer Robert Sindel, Columbus
 Kimberley Anne Smith, Columbus
 Cynthia Kay Sorrell, Hamilton
 Nanette Louise Spiess, Woodville
 Betty Ellen Strait, Columbus
 Susan Ann Streitenberger, Chillicothe
 Cynthia P. Sunnucks-McGathey, Columbus
 Marisa Angela Surace, Columbus
 Kristi Kay Tabbert, Cincinnati
 Terrence Frank Tench, Bedford
 Cheryl Ann Thompson, Columbus
 Joy Marie Thweatt, Dayton
 Roberta Lee Tipple, Columbus
 B.A. (Ohio Northern)

Lizabeth Goslee Torres, Columbus
 B.A. (University of the Americas)
 Armand Randall Townsend, Columbus
 Frank John Tascioris, Columbus
 Lawrence David Vellani, Columbus
 Catherine Louise Vento, Conneaut
 (Cert. Grad. Dent. Hyg.)

Dominick Venturella, Columbus
 Michelle Marie Volosin, Columbus
 Diana Lynn Warden, Columbus
 Connie May Wardlow, Johnstown
 Judith Kay Washburn, Fairborn
 Christopher Louise White, Columbus
 Jeffrey Ward White, Springfield
 Julia Ann White, Marion
 Nancy Conrad Wilson, Columbus
 Deborah Ann Wiseman, Circleville
 Mary Anne Wolfe, Dublin
 David Andresen Xander, Orrville
 Margaret Thornton Young,
 Upper Sandusky

B.A. (Miami University)
 Ruth Ann Young, Waynesfield
 Douglas Edward Zelinski, Urbana
 Karen Lee Zink, Columbus
 Barbara Taylor Zinn, Columbus
 (Cert. Grad. Dent. Hyg.)
 Catherine Jane Zulauf, Columbus

**Bachelor of Art Education and
 Bachelor of Music Education**
 degrees are offered jointly by the
 College of the Arts and the
 College of Education

Candidates are listed on page 281

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Two candidates

Robert Allen Bigler, Bedford
 Andrew Alan Flottorp, Gahanna

Bachelor of Science in Agricultural Engineering

Four candidates

Dennis William Alberty, Magnolia
 Earl Owen Cole, Columbus
 Craig Kevin Dwenger, Leipsic
 Amer Mohammed El Hage,
 Beirut, Lebanon

Bachelor of Science in Ceramic Engineering

Three candidates

Todd Michael Barson, Canton
 Robin Renee Harrell, Millbury
 David Allen Kelly, Westerville

Bachelor of Science in Chemical Engineering

Three candidates

James Richard Cominsky, Baltimore
 John Crawford Loy, Newark
 Marc Phillip Papai, Columbus

Bachelor of Science in Civil Engineering

Thirteen candidates

Thomas Howard Benner, Columbus
 Anthony Stephen Hanes, Columbus
 James William Haywood, Worthington
 David Michael Meredith, Ashtabula
 William Charles Reinehr, Mt. Blanchard
 Ronald Joseph Snyder, Columbus
 James Andrew Threfall, Whitehall
 Gilbert Matheson Toomey, Whitehall
 Frederick Thomas Wachtel, Fresno
 Roger Brewster Wade, Mansfield
 Robert Allan Winter, Mentor
 Hung Wong, Hong Kong

Bachelor of Science in Computer and Information Science

Six candidates

Frederick John Bigus, Richmond Heights
 Stephen Frank Campisano, Ashtabula
 Emmett Lynn Carroll, Lancaster
 John William Chapman, Jr., Columbus
 Felix Theodore Freuler, Hamilton
 Dan Richard Kaiser, Grove City

Bachelor of Science in Electrical Engineering

Twenty-three candidates

Richard Ernest Berry, Delaware
 Mark Lane Brunner, Louisville
 Bruce Douglas Bugbee, Columbus
 Keith Ellwood Burton, Columbus
 Donald Jay Hall, Columbus
 Steven Vane Jackson, Columbus
 Mark Allan Joki, Painesville
 Ezra Kiser, Clark Range, Tenn.
 Danny Stuart Long, Columbus
 Jane Louise McSkimming, Pittsburgh, Pa.
 Dan Frank Monaco, Columbus
 Michael Eugene Nester, Buffalo
 David Clyde Perkins, Columbus
 Lewis Charles Rakocy, Gallon
 Robert Theodore Ray, Toronto
 David Edward Rooney, Findlay
 Jack Howard Schneider, Columbus
 Michael Francis Turk, Columbus
 Robert Ray Valentine, Dover
 Gary Paul Wallace, Columbus
 Dwight David Warner, Worthington
 Donald Lee Wetzel, Delaware
 Mark Allen Workman, Waverly

1 Also Bachelor of Arts, Colleges of the
 Arts and Sciences

2 Also Bachelor of Science in Natural Resources,
 College of Agriculture and Home Economics

Bachelor of Science in Engineering Physics

Two candidates

Jean Louise Arnold, Euclid
Danny Eugene Guisinger, Jr., Columbus

Bachelor of Science in Industrial and Systems Engineering

Thirteen candidates

Nancy Bernetha Anderson, Springfield
Michael Albert Berlin, Columbus
Andrew Lee Colburn, Columbus
Philip Paul DeFilippo, Columbus
James Edward Hoovler, Fredericktown
Martin David Katterheirich, New Knoxville
Daniel Evan Kaye, Colonia, N. J.
Gary Thurlian Keyser, Marietta
Joseph George Macko, Jr., Columbus
Afeef Makkawi, Sidon-Lebanon
Kim Susan O'Donnell, Toledo
James Michael Salamon, Ravenna
Elba Lucy Suarez, Columbus

Bachelor of Science in Mechanical Engineering

Twenty-two candidates

Mohammad Reza Azimi-Tabrizi, Tehran, Iran
Darwin Blaine Bingham, Sunbury
Steven Louis Boes, Findlay
Patrick Joseph Brooks, Columbus
Myron Wendell Clarke, Columbus
David Stewart Curran, Columbus
Donald Allen Gingery, Wooster
Craig Evan Jensen, Port Clinton
Lance Lamore Kittelson, Columbus
Robert Jeffrey Lydie, Akron
Raymond Edward Martin, Worthington
Dean Everett Myers, Castalia
Warren Bradley Nelson, Worthington
John Francis Pelcie, Cleveland
Richard Craig Peters, Ashville
Steven Orby Putman, Fairborn
Joseph Mark Reno, Columbus
Stephen Wade Searfoss, Columbus
Mark Edward Shumaker, Westerville
Steven Alvin Snyder, Springfield
Richard Raymond Weis, Gallon
David Lee Wisner, Findlay

Bachelor of Science in Surveying

One candidate

*Frederick Thomas Wachtel, Fresno

Bachelor of Science in Welding Engineering

Eight candidates

Thomas William Gillman, Columbus
Timothy Lee Hendrix, Plantation, Fla.
Bruce Atkinson Humphries, Jr., Columbus
Alfred Joseph Julian, Fairborn
Menachem Kimchi, Columbus
Craig Erwin Miller, Columbus
James Joseph Straub, Sylvania
Marc Marie Wilson, Columbus

School of Architecture

Bachelor of Science in Architecture

Seven candidates

George Richard Bower, Madison, N. J.
Charles Russell Johnson, Dublin
James Michael Milligan, Hebron
William Joseph Noble, Jr., Metuchen, N. J.
Leah Rebecca Ratner, New Haven, Conn.
Vichai Soomvade, Bronx, N. Y.
Csaba Steve Yaczo, Worthington

Bachelor of Science in Landscape Architecture

Five candidates

James Arnold Howard, Chester, N. J.
Julie Elizabeth Karovics, East Cleveland
Thomas Eugene Smith, New Philadelphia
David John Utz, New Washington
Brian Lewis Wilson, Cincinnati

College of Law

Dean: James E. Meeks

Juris Doctor

Twenty-eight candidates

Barbara Lee Ayres, Huntington, W. Va.
B.A. (Marshall University); M.A.
Richard Allan Barnhart, Youngstown
B.S.B.A. (Youngstown State University)

Bruce Frederick Browder, Columbus
B.A.

Gary Seymour Colton, Jr., Pepper Pike
B.A. (Centre College of Kentucky)

Steven Benjamin Dow, Cincinnati
B.L.S. (Bowling Green State University)

Jane McGarry Faulkner, Rocky River
B.A. (University of Georgia)

James David Gradel, Toledo
B.B.A. (University of Cincinnati)

Bruce Patrick Gudenkauf, Fairfield
A.B. (Harvard College)

William Stuart Harbor, Troy
A.B. (Indiana University)

Barry Alan Igdaloff, Toledo
B.S. in Business (Indiana University)

Jeffrey John Jurca, Cleveland
B.A. (Kenyon College)

Carol Denise Kopystynsky, Piqua
B.S.Ed. (Ohio University)

Douglas William Little, Middleport
B.S.Bus.Adm.

Michael Jeffry Marsh, Bowling Green
B.S. in Bus.Adm. (Bowling Green State University)

Robert Steven Martinez,
New Hyde Park, N. Y.
B.A. (The College of Steubenville)

John Gregory Morrison, Scottsdale, Ariz.
B.S. (University of Arizona)

Daniel Wayne O'Bryan, New Concord
B.A. (Muskingum College)

Morris Ojalvo, Columbus
B.C.E., M.S. (Rensselaer Polytechnic Institute); Ph.D. (Lehigh University)

Jane Kirk Ricci, East Stroudsburg, Pa.
B.A. (Dickinson College);
M.S. (University of Pittsburgh)

Martha A. Rose, Rocky River
B.A. (University of Cincinnati)

Jeffrey Lynn Runyan, Columbus
B.S. (Bowling Green State University)

Joseph Peter Schmitz, Dayton
B.A.

Thomas Lee Sherman, Portsmouth
A.B. (Ohio University)

Carla Denise Skeen, Columbus
B.A.

Elisabeth Ann Squeglia, Youngstown
B.A.

Jill Eileen Stone, University Heights
B.A. (Cleveland State University)

Evelyn Joyce Stratton, Columbus
B.A. (University of Akron)

Richard Merlin Wilson, Jr., Manistee, Mich.
B.S. (Grand Valley State College)

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Four candidates

Romaine Belle Bayless, Chillicothe
B.S. (Ohio University)

Richard James Davis, New Philadelphia
B.A.

William Henry Roberts, II, New Lexington
B.A. (Denison University)

David Joel Wenger, Fremont
B.S. (Bowling Green State University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Four candidates

Ronda Kay Dean, Hilliard
Valerie Mouras, Columbus
Jacquelyn Deborah Penn, Cleveland
Macille Thompkins Stoner, Columbus

* Also Bachelor of Science in Surveying, College of Engineering

* Also Bachelor of Science in Civil Engineering, College of Engineering

Certificate of Nurse Anesthetist

Two candidates

Danny Charles Courtney, Grand Rapids
B.S. Nursing (Bowling Green State University)
Bonnie Gene Truchoweski, Ironton
B.S. Nursing (Ohio University)

Certificate of Post Baccalaureate Medical Technologist

Two candidates

Leslie Ann Curtis, Sandusky
B.S. (Sienna Heights College, Adrian, Mich.)
Jan Madeline Mann, Norwalk
B.A. (Case Western Reserve)

School of Nursing

Bachelor of Science in Nursing

Thirty-four candidates

Laurel Short Beard, Columbus
Barbara Ann Benedict, Gahanna
Barbara Alane Biggs, Westerville
Laura Jean Cavanaugh, Fairview Park
Teresa Dana Clear, New Vienna
Pamela Sue Cook, East Liverpool
Rebecca Ann Diefendorff, Akron
Cynthia Potempa Ellis, Columbus
Nancy Beth Fink, Celina
George Bernard Fox, Logan
Elizabeth Jane Gardner, North Ridgeville
Sandra Sue Gray, Martins Ferry
Christy Stowell Gural, Cincinnati
Suzanne Hager, Dayton
Carolyn Loxley Hanks, Columbus
Kathleen Ann Houston, Delaware
Christopher Allen Krupp, Tiffin
Lisa Ann Markovitz, Canton
Shelley LeClair Marshall, Columbus
Mary Druffel Merrill, Columbus
Raymond James Meyers, Columbus
B.S.Ed.
Patricia Lynn Nelson, Lucasville
Julie Anne Pabst, Canal Winchester
Melanie Jane Perkins, Columbus
Michele Pillar Killian, Toronto
Melanie Curry Poling, Minerva
Katarina Elizabeth Polkki, Cleveland
Marita Sue Prater, Kettering
Lisa Anne Reichenbach, Columbus Grove
Dawn Flegge Remster, Amherst
Mary Haimbaugh Secrest, Columbus
Anita Gail Strong, Hamilton
Robin Lynn Watters, Columbus
Mark Tice Wootton, Columbus

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

One candidate

Diane Sprague Park, Ashland

College of Veterinary Medicine

Dean: C. Roger Smith

Doctor of Veterinary Medicine

One candidate

Joseph Anthony Greer, III, Columbus
B.S.

College of Pharmacy

Dean: Albert H. Soloway

Two candidates

Mark Paul Detwiler, Seville
David Wylie Strub, Coshocton

Graduates with Honors

Summa Cum Laude

Sandi Leigh Abend, Parma
Kenneth A. Basch, Mayfield Heights
Yolanda Lynn Cole, Columbus
Nancy Ann Duffy, Columbus
David Franklin Golden, Columbus
Kathy Marie Kallman, Wadsworth
Darlene Dee Lazarchic, Mentor
Thomas Alan Moser, Columbus
Robert Dehn Nelson, Lagrange Park, Ill.
Thomas Anthony Roesch, Columbus
Alice Carolyn Schmitt, Worthington
Rhonda Lee Searles, Columbus
Lawrence David Vellani, Columbus
Mary Anne Wolfe, Dublin
Douglas Edward Zelinski, Urbana

Summa cum laude with distinction in Agricultural Economics

Gene Anthony Marsh, Columbus

Summa cum laude with distinction in Natural Resources Communication

Theresa Louise Roether, Findlay

Cum Laude

Neil Wayne Baker, Lisbon
Jeffrey Dale Benton, Mingo Junction
Kathleen Biggs, Annapolis, Md.
Janet Kreamer Breidenbach, Columbus
Dixie Kaye Cameron, Upper Sandusky
Teresa Murray Capretta, Columbus
Gwendolyn Sue Curtiss, Bellville
Rebecca Ann Diefendorff, Akron
Julie Ellen Elliott, West Mansfield
Cynthia Potempa Ellis, Columbus
Wayne C. Erdman, Columbus
Troy Alva Evans, Manchester
Linda Adele Fowler, Columbus
Judith Creighton Frenton, Columbus
Felix Theodore Freuler, Hamilton
Stephen Patrick Hannishin, Warren
Karen Sue Harris, Mansfield
Mary Ann Hartley, Whitehall
Janice Louise Heckler, Columbus
Mary Martha Hudak, Akron
Dan Richard Kaiser, Grove City
Frederick Paul Kiehne, Kettering
April Leigh Konneker, Naples, Fla.
Karen Sue Kuhlman, Worthington
Stuart Michael Kukler, Stow
John Andrew Maul, Jr., Columbus
Lori Ann Meyer, Kettering
Susan Annette Miller, Whitehall
Marita Sue Prater, Kettering
Nancy Carol Raab, Lancaster
Lewis Charles Rakocy, Gallion
Teresa Yvonne Ranft, Columbus
Steven Wayne Rogers, Columbus
David Edward Rooney, Findlay
Jacqueline J. Rudolph, Columbus
Barbara Ellen Schwarz, Wilmette, Ill.
Steven Ray Shafer, Marion
Carol Ellen Shafran, South Euclid
Michael Drew Sisson, Columbus
Ronald Joseph Snyder, Columbus
Terry Lee Stuart, Rock Creek
Nancy McCrea Townsend, Worthington
Jeanne Christine Uhl, Columbus
Karen Anne Welzel, Columbus
Cynthia Carlson Wolfe, Columbus
Catherine Jane Zulauf, Columbus

Cum laude with honors in the Liberal Arts

Amy Elizabeth Curtiss, Circleville
Catherine Suzanne Smith, Columbus

With distinction in Animal Science

Garrett Robert Oetzel, New Richmond

With distinction in Environmental Education

Lynn Ellen LeMaster, Columbus

With distinction in Psychology with honors in the Liberal Arts

Kathryn Ann Kondrotas, Dayton

With honors in the Liberal Arts

Connie Hoblet, Archbold
Melinda Hofstetter, Cleveland
Stuart Alan Lewis, Cincinnati
Deborah Ann Salis, Columbus

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 7, 1978

The Board of Trustees met at its regular monthly meeting on Friday, December 7, 1978, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker and John F. Havens.

* * *

Minutes of the last meeting were approved.

* * *

December 7, 1978 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker and John F. Havens.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-66

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

James B. Burr

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 4, 1978, of James B. Burr, Professor Emeritus, Academic Faculty of Early and Middle Childhood Education. He was a faculty member for 33 years, before his retirement in 1973.

A widely known teacher and consultant, Dr. Burr authored several volumes for the literacy-instruction program of the United States Armed Forces Institute, books and articles on elementary school leadership, and a pioneering treatise on student teaching in elementary schools. He was a member of numerous school survey teams that conducted research in Ohio and neighboring states, and he served as a consultant to many school systems and to a variety of curriculum-study groups.

While at Ohio State, Dr. Burr served as Coordinator of Elementary-School Student Teaching for several years. Appointed Head of the Teacher Education Division during a reorganization of the College of Education, he served with distinction.

Born in Germantown, Pennsylvania, on September 27, 1907, he spent his childhood years in Riverton, New Jersey, attended its public schools, and was graduated from Palmyra High School.

December 7, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

James B. Burr (contd)

Dr. Burr received his Bachelor's degree from Swarthmore College, his Master's degree from Teachers College, Columbia University, and his Doctor of Education degree from Stanford University.

Before joining the faculty of The Ohio State University, he taught in the public schools of Patchogue, New York, and in the Hill School for Boys, served as a graduate assistant at Teachers College, Columbia University, and was a teacher and supervising principal in the public schools of Des Moines, Iowa.

Dr. Burr held memberships in the Ohio Education Association, the National Education Association, the Association for Supervision and Curriculum Development, the National Association of Elementary School Principals, and the National Council of Teachers of Social Studies.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family.

Esther McGinnis

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 12, 1978, of Esther McGinnis, Professor Emeritus, Home Economics.

Dr. McGinnis was born in Columbus, Ohio, on November 27, 1893. She received the Bachelor of Science in Home Economics degree from The Ohio State University in 1915 and subsequently served as Assistant in Foods at Ohio State. In 1916 she joined the faculty at the University of Maine and in the next ten years advanced from Instructor to Professor and Head of the Department of Home Economics. During this time she undertook graduate study at Columbia University, earning the Master of Science degree in 1923.

She continued her study at the University of Minnesota in 1926 as a National Research Council Fellow, earning the Doctor of Philosophy degree in 1928. She remained at the University of Minnesota the following ten years as Professor and Head of the Parent Education Department in the Institute of Child Welfare. Subsequently she moved to Buffalo State Technical College where she served as a Professor in Family Relationships from 1938 to 1945. During the years 1945 to 1952 she worked at Merrill Palmer School advancing from Assistant Director to Director.

Dr. McGinnis returned to Ohio State in 1952 where she served as a Professor in the Department of Family Relations and Human Development, receiving Emeritus status upon her retirement in 1959.

December 7, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Esther McGinnis (contd)

Dr. McGinnis' expertise in family relations and human development is recognized nationally and internationally. She wrote numerous articles for professional journals and was active in many professional organizations. She was awarded the Diplomate by the American Board of Examiners in Professional Psychology, the highest honor which the American Psychological Association confers upon clinically trained psychologists.

A co-worker has said, "... the recitation . . . of Esther McGinnis' accomplishments, though formidable, cannot convey the nature of her professional genius. Those educators, research workers, and administrators . . . who . . . worked closely with Dr. McGinnis knew of the warmth of her personality and the sincerity of her motivation as well as the depth of her understanding of human relations."

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

Lowell Ragatz

The Board of Trustees of The Ohio State University expresses its great sorrow upon the untimely death October 28, 1978 of Lowell Ragatz, Professor Emeritus in the Department of History.

Professor Lowell Ragatz was born in Prairie du Sac, Wisconsin, July 21, 1897. After service in the United States Army 1918-1919, he returned to the University of Wisconsin where he received the B.A., M.A. and Ph.D. degrees in 1920, 1921 and 1925, respectively, having pursued his studies also in other universities in the United States, France, and England. Although his field of specialization was the history of colonial empires, he wrote on numerous other topics in modern history. From 1929 to 1942, he was an editor for the American Historical Association. Among the numerous honors given him were the Justin Winsor Prize of the American Historical Association, a Guggenheim Fellowship, and memberships in Phi Beta Kappa, the Royal Historical Society (British), and the Royal Society of Arts (British).

After teaching at George Washington University from 1924 to 1949, he joined the Department of History at The Ohio State University where he taught until his retirement in 1967, serving as chairman from 1949 to 1953. In 1955, he was a visiting professor at the Australian National University at Canberra and from 1959 to 1960 Fulbright lecturer at Keio University and the Tokyo University of Education in Japan. From 1967 to 1968, he taught at Alaska Methodist University. His love of teaching, warm personality, and devotion to the members of his family endeared him to both students and colleagues.

December 7, 1978 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Lowell Ragatz (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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BUDGET SUMMARY (FIRST QUARTER, 1978-79)

Resolution No. 79-67

Synopsis: First Quarter Budget Summary, 1978-79 is presented for review and acceptance.

This Budget Summary for the first quarter, 1978-79 contains revised estimates, primarily for Restricted Funds, of resource and expenditure projections as actual data have become available. Minor changes to the June, 1978 budget have been made to the core Unrestricted Fund estimates of the Columbus Campus and of the Regional Campuses representing expected changes in subsidy and fee resources based on actual Autumn Quarter enrollments. Downward revisions in the Restricted Fund estimates anticipate slower expenditure rates for new grants and contracts awarded in 1977-78 than projected in June, 1978. Net downward revisions in the auxiliary and earning operations income/expense projections primarily reflect changes in accounting methods which now allow the University to treat some transactions as interdepartmental transfers of funds rather than as expenditures.

WHEREAS the first quarter report of the 1978-79 Current Funds Budget, covering the period July through September, 1978, is presented for review by the Board of Trustees and its income/expense estimates deviate by less than one percent from the 1978-79 budget approved by the Board in June, 1978; and

WHEREAS the projected income and expenditures of the first quarter report for 1978-79 are balanced:

NOW THEREFORE

BE IT RESOLVED, That the accompanying first quarter budget report be accepted.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

December 7, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved June 8, 1978	Proposed Revised Budget December 7, 1978
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$145,125	\$144,051
Libraries	8,235	8,290
Other Academic Support	2,718	2,598
Sponsored Programs Administration	2,244	2,244
Student Services	7,715	7,781
Plant Operation	25,205	25,265
Institutional Support	15,308	15,318
Total Instruction and General	\$206,550	\$205,547
Sponsored Research		
Research Foundation	\$ 29,675	\$ 27,145
Engineering Experiment Station	1,998	1,883
University Sponsored Programs	913	913
Other	1,996	2,896
Total Sponsored Research	\$ 34,582	\$ 32,837
Public Service		
University Hospitals	\$ 79,298	\$ 79,585
Cooperative Extension Service	19,185	19,235
University Sponsored Programs	2,419	2,419
Other	17,339	16,749
Conferences	2,350	2,380
Total Public Service	\$120,591	\$120,368
Student Aid	\$ 5,787	\$ 6,122

December 7, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved June 8, 1978	Proposed Revised Budget December 7, 1978
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 19,123	\$ 19,152
Intercollegiate Athletics	8,199	8,062
University Bookstores	4,736	4,735
Student Health Service	2,398	2,395
Student Unions	2,480	2,478
Parking Facilities	2,692	2,692
University Airport	1,751	1,751
Fawcett Center for Tomorrow	1,359	1,359
Other	936	936
Total Auxiliaries	\$ 43,674	\$ 43,560
TOTAL COLUMBUS CAMPUS	\$411,184	\$408,434
Regional Campuses		
Administration	\$ 179	\$ 179
Lima Campus	2,266	2,266
Mansfield Campus	2,295	2,287
Marion Campus	1,391	1,348
Newark Campus	2,113	2,084
Agricultural Technical Institute	2,521	2,339
Wright Patterson Graduate Center	165	165
Total Regional Campuses	\$ 10,930	\$ 10,668
GRAND TOTAL	\$422,114	\$419,102

December 7, 1978 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1978-79 BUDGETS
(IN THOUSANDS)

	Estimated Income June 6, 1978	Estimated Income December 7, 1978
Columbus Campus		
Government Appropriations		
State of Ohio	\$141,017	\$140,893
Federal	52,469	51,701
Other	5,603	5,820
Subtotal	\$199,089	\$198,414
Student Fees		
Instruction and General	\$ 58,480	\$ 58,460
Room and Board	16,113	16,113
Other	2,650	2,725
Subtotal	\$ 77,243	\$ 77,298
Other Income		
Auxiliary Sales and Charges	\$ 97,890	\$ 98,001
Department and University Services	19,622	17,827
Endowment Income	2,745	2,965
Gifts and Grants	13,975	13,630
Temporary Investments	2,800	2,800
Subtotal	\$137,032	\$135,223
TOTAL COLUMBUS CAMPUS	\$413,364	\$410,935
Regional Campuses		
Lima Campus	\$ 2,566	\$ 2,576
Mansfield Campus	2,611	2,604
Marion Campus	1,605	1,562
Newark Campus	2,398	2,369
Agricultural Technical Institute	2,688	2,505
Wright Patterson Graduate Center	165	165
TOTAL REGIONAL CAMPUSES	\$ 12,033	\$ 11,781
GRAND TOTAL	\$425,397	\$422,716

December 7, 1978 meeting, Board of Trustees

HONORARY DEGREE

Resolution No. 79-68

Synopsis: Approval is requested for awarding an honorary degree.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to Rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding an honorary degree as listed below:

Howard R. Bowen

Doctor of Humane Letters

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF "THE CAROL S. KENNEDY PROFESSORSHIP IN HUMAN NUTRITION"

Resolution No. 79-69

Synopsis: Establishment of "The Carol S. Kennedy Professorship in Human Nutrition" is being proposed.

WHEREAS the Board of Trustees on January 14, 1965 approved a set of guidelines for the establishment of "Named Professorships" which was subsequently modified March 3, 1972 and renamed "Endowed Professorships" and was modified further on May 5, 1978; and

WHEREAS a bequest to The Ohio State University Development Fund from Carol S. Kennedy, B.S.Ed. '38, has been received for the establishment of "The Carol S. Kennedy Professorship in Human Nutrition"; and

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS the annual income is to be used to provide support for the work of a distinguished scholar in the Department of Human Nutrition and Food Management in the School of Home Economics with appointment to the Kennedy Professorship to be recommended to the Provost by the Dean of the College of Agriculture and Home Economics, in consultation with the Director of the School of Home Economics, for approval by the Board of Trustees; and

December 7, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF "THE CAROL S. KENNEDY
PROFESSORSHIP IN HUMAN NUTRITION" (contd)**

WHEREAS should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture and Home Economics:

NOW THEREFORE

BE IT RESOLVED, That "The Carol S. Kennedy Professorship in Human Nutrition" be established in accordance with the wishes of the donor.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ESTABLISHMENT OF A PROGRAM LEADING TO A
MASTER OF HEALTH ADMINISTRATION DEGREE**

Resolution No. 79-70

Synopsis: Establishment of a new degree program leading to a Master of Health Administration degree is proposed.

WHEREAS a need exists to establish a Master of Health Administration (MHA) degree at The Ohio State University; and

WHEREAS the proposed Master of Health Administration degree meets tagged degree criteria established by the Board of Regents of the State of Ohio and by The Ohio State University; and

WHEREAS all appropriate school, college and university committees have reviewed and endorsed the establishment of a Master of Health Administration degree program within the School of Allied Medical Professions:

NOW THEREFORE

BE IT RESOLVED, That the proposal approved by the University Senate, November 18, 1978, for the establishment of the Master of Health Administration degree, effective July 1, 1979, be approved and that this proposal be forwarded to the Ohio Board of Regents pursuant to Section 3333.04 of the Ohio Revised Code for approval.

Upon motion of Mr. Smith, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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December 7, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF A PROGRAM LEADING TO A
MASTER OF HUMANITIES DEGREE**

Resolution No. 79-71

Synopsis: Establishment of a program leading to a Master of Humanities degree is being proposed.

WHEREAS the College of Humanities has proposed a new tagged degree program to be known as the Master of Humanities; and

WHEREAS such a program is directly responsive to a perceived need to promote life-long learning; and

WHEREAS such a program can be implemented with current resources:

NOW THEREFORE

BE IT RESOLVED, That the proposal approved by the University Senate, November 18, 1978, for the establishment of the Master of Humanities degree, effective July 1, 1979, be approved and that this proposal be forwarded to the Ohio Board of Regents pursuant to Section 3333.04 of the Ohio Revised Code for approval.

Upon motion of Mrs. James, seconded by Mr. Smith, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

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**ESTABLISHMENT OF A PROGRAM LEADING TO A PH.D. DEGREE
IN COMPREHENSIVE VOCATIONAL EDUCATION**

Resolution No. 79-72

Synopsis: A new degree program leading to an interdepartmental Ph.D. degree in Vocational Education is being proposed.

WHEREAS there is a recognized shortage in the nation of scholars with advanced graduate preparation in comprehensive vocational education emphasizing theory and research in education and the social and behavioral sciences; and

WHEREAS The Ohio State University has one of the richest and most talented resources of any similar university in the nation in its four departments and/or faculties in vocational education (Agricultural Education, Home Economics Education, Industrial Technology Education and Vocational-Technical Education) and the National Center for Research in Vocational Education; and

WHEREAS the profession can be significantly benefited and influenced by the contributions which this University can make to the generation of knowledge and the preparation of

December 7, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF A PROGRAM LEADING TO A PH.D. DEGREE
IN COMPREHENSIVE VOCATIONAL EDUCATION (contd)**

scholars in comprehensive vocational education through the proposed interdepartmental program; and

WHEREAS the four departments and/or faculties of vocational education, with the support of the National Center and other related academic departments, have agreed to cooperate in the establishment and operation of an interdepartmental program of comprehensive vocational education:

NOW THEREFORE

BE IT RESOLVED, That the recommendation of the University Senate for the establishment of an interdepartmental Ph.D. degree program in comprehensive vocational education at The Ohio State University, effective July 1, 1979, be approved.

Upon motion of Mrs. James, seconded by Dr. Jacob, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 79-73

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments and Leaves of Absence Without Salary are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the November 3, 1978 meeting of the Board, including the following Appointments and Leaves of Absence Without Salary as detailed in the University Budget for 1978-79 be approved.

Appointments

Name:	RICHARD L. WINK
Titles:	Acting Dean/Director, Mansfield Regional Campus; and Professor, School of Music (Mansfield Regional Campus)
Effective:	January 1, 1979
Salary:	\$28,920.00 (12-month appointment)
Present Positions:	Associate Dean, Mansfield Regional Campus; and Professor, School of Music (Mansfield Regional Campus)

December 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: PHILIP C. SORENSEN
Titles: Associate Dean and Professor
College: Law
Effective: January 1, 1979
Salary: \$37,200.00 (9-month appointment)
Present Position: Professor, College of Law

Name: GORDON BRUCE MAINLAND
Titles: Acting Associate Dean, Newark Regional Campus; and Assistant Professor, Department of Physics (Newark Regional Campus)
Effective: January 1, 1979
Salary: \$18,480.00 (9-month appointment)
Present Position: Assistant Professor, Department of Physics (Newark Regional Campus)

Name: HERMAN RANDOLPH BOBBITT, JR.
Titles: Professor and Chairman
Academic Faculty: Management Science
Effective: October 1, 1979
Salary: \$30,840.00 (9-month appointment)
Present Position: Professor, Academic Faculty of Management Science

Name: DIJEN K. RAY-CHAUDHURI
Titles: Professor and Chairman
Department: Mathematics
Effective: January 1, 1979
Salary: \$45,000.00 (9-month appointment)
Present Position: Professor, Department of Mathematics

Name: JAMES NORMAN ALLEN
Title: Professor (The Helen C. Kurtz Chair in Neurology)
Department: Medicine
Effective: January 1, 1979
Salary: \$42,000.00 (12-month appointment)
Present Position: Professor, Department of Medicine

Leaves of Absence Without Salary

PAUL E. FERTIG, Professor, Academic Faculty of Accounting, effective April 1, 1979 through June 30, 1979, to accept a Visiting Professorship in Accounting at the University of North Carolina, School of Business Administration, Chapel Hill, North Carolina.

December 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

THOMAS N. TAYLOR, Professor, Department of Botany, effective January 1, 1979 through June 30, 1979, to do research and complete a book manuscript at the University of Texas at Austin, Department of Botany.

KENNETH J. ANDRIEN, Assistant Professor, Department of History, effective January 1, 1979 through May 31, 1979, to accept a Fulbright-Hays grant to continue research on a current project in Spain.

M. KATHERINE MEYER, Assistant Professor, Department of Sociology, effective January 1, 1979 through December 31, 1979, to accept NIMH Fellowship at Johns Hopkins University, Department of Social Relations.

CLARA C. SPATH, Instructor, Cooperative Extension Service, effective October 1, 1978 through November 6, 1978, for personal reasons.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

RESIGNATION OF EDWARD Q. MOULTON

Resolution No. 79-74

President Enarson made the following statement:

I regret to report that there is a new item that of necessity must be included here. As all of you know, the announcement of the appointment of Ned Moulton as the new chancellor of the Ohio Board of Regents was made yesterday and I had the painful duty of accepting his resignation yesterday afternoon so he can be forgiven in his role as Secretary of the Board if his resignation is not included here today. I didn't prepare any remarks on this topic. I thought that if after seven fruitful years of association, Ned, I couldn't wing it on your contribution to the University that something was terribly, terribly wrong. I am sure that the Board members will want to express their appreciation, each in your own way, to Ned for his service to the University and to this Board. But I'd like to take this first public opportunity I've had to express not only the appreciation of the entire University community for Ned's service over a 20+ year span of the University, but my own personal appreciation for his support, his assistance, his unswerving loyalty in all these years. I came to work here September 1 or 2, 1972, and learned to my great dismay that I would preside at Commencement the next day. And it was Ned who said 'You can do it' and pushed me on stage. At that time I had the big book that described what you said and when you said it, when you started shaking hands with people and all that sort of thing. I think in a way that typified the kind of assistance that I've had ever since then. Ned has occupied a really very special and unique role in this institution with respect to his responsibilities. His

December 7, 1978 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

President Enarson's statement (contd)

title, of course, is Vice President for Business and Administration and that encompasses a great deal of the University, but I think it is fair to say that he has always had a keen grasp of the academic dimension of the University and I know that as he enters on his new duties, he'll maintain that same perspective. I am going to miss you greatly, Ned.

Dr. Moulton: Thank you very much, Mr. President.

Dr. Jacob:

Mr. Chairman, I'd like to have placed in the minutes in the form of a separate motion an expression of gratitude of the Board and through us the gratitude of the entire University for Ned's service and wish him 'God Speed and Good Luck' in his new assignment on the Board of Regents and I therefore so move.

Mr. Hilliker: Second.

Dr. Moulton:

Thank you. I've had a wonderful 22 years. It has been my pleasure to serve under two presidents who I greatly admire and a host of dedicated trustees. I'll miss you. Thank you for your warm friendship.

Dr. Sirak:

As the chairman and as a friend, I can't let you go without adding a personal note. Ned, I think I knew you for twenty years before our association on this Board. You have always given me a great sense of security as a trustee and now during the time I've been chairman, I always was confident that if I needed some help or some information that I could turn to you. If you didn't happen to know the answer right off, you knew where to get it, and you would promptly supply it. Ned, everyone is gratified by good and prompt results.

You did a yeoman service for this University and it and the Board will have to look hard to find someone who can serve them as well.

I must add one more note. Even though you are going downtown to the chancellorship, remember that we are after all your old friends, and we'll be very glad to help you in any way we can.

President Enarson: And we've got the tickets!

The foregoing resolution was adopted by unanimous voice vote.

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December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-75

Synopsis: The report on contracts, grants and gifts and the summary for October are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the month of October 1978, be approved.

Upon motion of Mr. Smith, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR OCTOBER 1978

Source	No. of Projects	Support Level
Office of Business and Administration	12	\$2,665,505.14
The Ohio State University Research Foundation	82	3,817,916.01
		\$6,483,421.15
The Ohio State University Development Fund	3,174 Donors	\$ 969,217.52
Establishment of Named Funds		
The M. H. Brown Family Endowed Scholarship Fund (College of Agriculture)		\$ 40,000.00
The Josef N. Knull Memorial Fund in Entomology (Department of Entomology)		10,000.00
Friends of WOSU Endowment Fund (WOSU/AM, WOSU/FM or WOSU/TV)		6,500.00
Paul C. and Sarah M. Smith Scholar- ship Fund (Varsity cheerleaders)		4,000.00

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

New Presidents Club Members - October 1978

William M. Azallion	Michael J. Jordon
Leota Leyda Balsizer	Ronald W. Kauffman
Vincent Bolling, Jr.	Kenneth J. Lambourne
Willard S. Breon	Beverly Sue Mahar
Ernest G. Boone, Jr.	Al Martingano
William E. Brooks	Terry L. Marquand
John J. Chester	Diana McLane
Joseph A. Chornyak	Robert M. Pfister
Paul A. Colinviaux	James W. Reichert
Ben A. Daniel	Paul O. Scott
Kenneth A. Davis	Frederick J. Sharp
Ellen N. Dunlap (Mrs. John H., Jr.)	Gerald E. Sutermeister
Edna Smith Eakin (In Memoriam)	Robert T. Taggart
John R. Garbo	Suzan Barnes Thomas
James F. Greene	Ruth Scott Utley (Mrs. Francis Lee)
James A. Hall	Phillip A. Vannatta
Harry L. Henning	Carl D. Weals
Gregory J. Hewitt	Jeffrey L. Welles
William V. Hilt, II	Ora A. Winzenried, Jr.
Richard B. James	Myrna Yashon

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

Federal Contracts/Grants

\$1,050,899.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Medicine, October 1, 1978 through September 30, 1979. (Grant No. 5E03MB15116-13)

\$857,678.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Dentistry, October 1, 1978 through September 30, 1979. (Grant No. 5E03MB15309-13)

\$388,695.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Veterinary Medicine, October 1, 1978 through September 30, 1979. (Grant No. 5E03MB15704-09)

\$171,542.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Pharmacy, October 1, 1978 through September 30, 1979. (Grant No. 5E03MB15608-09)

\$88,993.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Bethesda, Maryland, Health Professions Capitation Grant Program, College of Optometry, October 1, 1978 through September 30, 1979. (Grant No. 5E03MB15402-13)

\$34,497.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division Manpower Training Support, Bethesda, Maryland, Exceptional Financial Need Scholarship, College of Dentistry, July 1, 1978 through June 30, 1979. (Grant No. 05L390075-79; Former No. 2 7 45 0430 15 1)

\$26,673.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division Manpower Training Support, Bethesda, Maryland, Exceptional Financial Need Scholarship, College of Medicine, July 1, 1978 through June 30, 1979. (Grant No. 05L390071-79; Former No. 1 7 45 0430 15 1)

\$7,587.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division Manpower Training Support, Bethesda, Maryland, Exceptional Financial Need Scholarship, College of Optometry, July 1, 1978 through June 30, 1979. (Grant No. 05L390077-79; Former No. 4 7 45 0430 15 1)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION (contd)

Federal Contracts/Grants (contd)

\$7,344.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division Manpower Training Support, Bethesda, Maryland, Exceptional Financial Need Scholarship, College of Veterinary Medicine, July 1, 1978 through June 30, 1979. (Grant No. 05L390083-79; Former No. 7 7 45 0430 15 1)

\$6,525.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division Manpower Training Support, Bethesda, Maryland, Exceptional Financial Need Scholarship, College of Pharmacy, July 1, 1978 through June 30, 1979. (Grant No. 05L390079-79; Former No. 3 7 45 0430 15 1)

TOTAL - FEDERAL CONTRACTS/GRANTS	\$2,640,433.00
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State of Ohio Contract/Grant

\$7,192.14 - State of Ohio, Department of Education, Columbus, Ohio, Extension of Grant No. GO 577001, Department of Agricultural Education, to December 31, 1978.

Other Non-Federal Contract/Grant

\$17,880.00 - The Ohio Education Association, Columbus, Ohio, Professional Development Workshops for 1978-79, College of Education, October 1, 1978 through August 31, 1979.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$286,914.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program, ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter), 1 October 1978 through 30 September 1979. (Project 760914 - Continuation)

\$258,649.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Legislative Provisions for the Improvement of Guidance and Personnel Development, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 31 March 1980. (Project 761400 - New)

\$217,798.00 - Department of Health, Education and Welfare, Office of Human Development, Developmental Disabilities Office, Region V, Chicago, Illinois, UAF Consortium Coordination Project, Nisonger Center for Mental Retardation, Office of Health Sciences (V. Reynolds), 30 September 1978 through 29 September 1979. (Project 760888 - Continuation)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$192,716.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunoprevention of Cancer in Cats, Department of Veterinary Pathobiology (R. G. Olsen and E. A. Hoover) and Department of Microbiology (P. C. Kimball), 1 October 1978 through 30 September 1980. (Project 761417 - New)

\$192,618.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Develop a Communications Office and Cancer Information Service, Cancer Research Center, Office of Health Sciences (D. S. Yohn), 19 September 1978 through 18 September 1979. (Project 761352 - New)

\$117,527.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Demonstration of Transitional Services for Severely and Profoundly Retarded School Age Children Across a Variety of Ecological Settings, Nisonger Center for Mental Retardation, Office of Health Sciences (V. Cotter), 1 October 1978 through 31 August 1979. (Project 761390 - New)

\$110,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Water Resources Center Annual Allotment Program Fiscal Year 1979, Engineering Experiment Station (R. C. Stiefel), Department of Microbiology (W. R. Sharp), Department of Civil Engineering (A. J. Rubin and T. H. Wu), and Department of Zoology (R. A. Stein), 1 October 1978 through 30 September 1979. (Project 761333 - New)

\$99,988.00 - Department of Health, Education and Welfare, Administration on Aging, Washington, D. C., Activity to Support and Strengthen Education through Retired Technicians, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 30 September 1979. (Project 761357- New)

\$99,153.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Clinical Cancer Education Program, Department of Surgery and College of Medicine - Administration (G. J. Cerilli), 30 September 1978 through 30 June 1979. (Project 761412 - Continuation)

\$92,180.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Radiation Enhancement in Nervous System Tumor Models, Department of Medicine (J. N. Allen) and Department of Veterinary Pathobiology (A. Koestner), 1 September 1978 through 31 August 1979. (Project 764576 - Continuation)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$82,600.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Hyattsville, Maryland, Nutritional Care Independent Study Packages for Family Practice Residents, Department of Family Medicine (T. Williams) and College of Medicine - Administration (L. L. Gabel), 30 September 1978 through 31 March 1980. (Project 761388 - New)

\$74,305.00 - Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, On-Aircraft Antenna Pattern Prediction Study, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 1 September 1978 through 31 August 1979. (Project 761385 - New)

\$73,404.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathology of Mitochondria in Ischemic Myocardium, Department of Physiological Chemistry (G. P. Brierley), 30 September 1978 through 29 June 1979. (Project 761229 - New)

\$73,079.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Antigenicity of Precancerous Lesions in Animal Models, Department of Veterinary Pathobiology (R. G. Olsen and E. A. Hoover), 10 September 1978 through 29 September 1979. (Project 760918 - Continuation)

\$69,812.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Knowledge Interpretation Program 1978: Citizenship Education, Merhson Center for Education in National Security (R. Remy), 1 October 1978 through 30 June 1979. (Project 761371 - New)

\$69,485.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States, Engineering Experiment Station (E. A. Whitehurst), 1 October 1978 through 30 September 1979. (Project 760347 - Continuation)

\$68,402.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Laser Induced Response, ElectroScience Laboratory, Department of Electrical Engineering (J. Meadors), 1 October 1978 through 30 June 1979. (Project 760733 - Continuation)

\$63,000.00 - National Oceanic and Atmospheric Administration, Washington, D. C., Use of SEASAT A Altimeter Data for the Improved Determination of the Geoid, Gravity Anomaly Field and Sea Surface Topography, Department of Geodetic Science (R. H. Rapp), 29 September 1978 through 28 September 1979. (Project 761378 - New)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$54,816.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Instructional Unit Development, School of Allied Medical Professions (R. J. Atwell and D. C. Broski), 1 October 1978 through 30 September 1979. (Project 761393 - New)

\$53,783.00 - Department of Labor, Washington, D. C., Research Relating to Hearing Impairment and Federal Workers Compensating Programs: L/A 78-3 (c) Presbycusis, Recruitment, and Tinnitus, Department of Communication (E. J. Hardick), 1 October 1978 through 30 September 1979. (Project 761363 - New)

\$52,836.00 - Environmental Protection Agency, Washington, D. C., Influence of Metallurgical and Operating Variables on Scaling and Corrosion in Water Reuse, Recycling, and Treatment Systems in Integrated Steel Plants, Department of Metallurgical Engineering (G. R. St. Pierre), 1 October 1978 through 30 September 1979. (Project 761364 - New)

\$51,944.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunotherapy of Experimental Lung Cancer, Department of Microbiology and Cancer Research Center, Office of Health Sciences (B. S. Zwilling), 30 September 1978 through 31 July 1979. (Project 760172 - Continuation)

\$51,655.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Finite State Models of Manned Systems: Validation, Simplification, and Extension, Department of Industrial and Systems Engineering (R. A. Miller), 1 October 1978 through 30 September 1979. (Project 761348 - New)

\$50,000.00 - National Aeronautics and Space Administration, Washington, D. C., Investigation of Infrared Spectra of Atmospheric Gases to Support Stratospheric Spectroscopic Investigations, Department of Physics (J. H. Shaw), 1 November 1978 through 31 October 1979. (Project 761420 - New)

\$50,000.00 - Department of the Air Force, 2750th Air Base Wing, Wright-Patterson Air Force Base, Ohio, Evaluation and Upgrading of the Antenna Calibration Facility at the Measurement Standards Laboratory, ElectroScience Laboratory, Department of Electrical Engineering (R. Caldecott), 28 September 1978 through 27 September 1979. (Project 761384 - New)

\$46,800.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Graduate and Professional Opportunities Program, Graduate School (F. W. Hale, Jr.), 1 September 1978 through 31 August 1979. (Project 761331 - New)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$43,885.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Studies on the Syntheses of Boron Hydride Systems, Department of Chemistry (S. Shore), 1 October 1978 through 30 September 1979. (Project 761119 - Continuation)

\$43,400.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Computer Simulation of Clinical Experience, School of Allied Medical Professions (R. J. Atwell and M. R. Schiller), 1 October 1978 through 30 September 1979. (Project 761394 - New)

\$42,470.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Knowledge Interpretation Program (Education Equity), National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 30 June 1979. (Project 761396 - New)

\$41,554.00 - Department of the Interior, Washington, D. C., The Relationship Between Egg Quality Survivorship of Newly Hatched Young and Pollutants in Precocial Birds, Department of Zoology (T. J. Peterle), 1 September 1978 through 31 August 1980. (Project 761343 - New)

\$41,000.00 - Ohio River Basin Commission, Cincinnati, Ohio, A Study of the Probable Effluents from Synfuel Plants Using Ohio River Region Coal, Engineering Experiment Station (R. C. Stiefel), Department of Nuclear Engineering (R. E. Bailey) and Department of Chemical Engineering (E. E. Smith), 25 September 1978 through 30 May 1979. (Project 761368 - New)

\$39,973.00 - Department of the Air Force, Headquarters, Rome Air Development Center (AFSC), Griffiss Air Force Base, New York, Advanced TDMA Techniques and Bit Synchronous Design and Array Component Evaluation, ElectroScience Laboratory, Department of Electrical Engineering (A. A. Ksienski), 1 October 1978 through 15 January 1979. (Project 764116 - Continuation)

\$39,804.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Animal Leukemia, Department of Veterinary Pathobiology (E. A. Hoover), 1 September 1978 through 31 August 1979. (Project 760928 - Continuation)

\$36,195.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, *In Vitro* Immunoglobulin Production in Hepatitis, Department of Medicine (R. L. Whisler), 29 September 1978 through 31 August 1979. (Project 761407 - New)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$30,679.00 - Department of the Army, Army Mobility Equipment Research and Development Command, Fort Belvoir, Virginia, Electromagnetic Mine Detection and Identification, ElectroScience Laboratory, Department of Electrical Engineering (L. Peters), 1 October 1978 through 4 May 1980. (Project 760674 - Continuation)

\$30,000.00 - Department of the Air Force, AFSC, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Modeling of Human Joint Structures, Department of Engineering Mechanics (A. E. Engin), 1 October 1978 through 30 September 1979. (Project 761007 - Continuation)

\$30,000.00 - Department of Labor, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources (H. S. Parnes), 1 October 1978 through 30 September 1979. (Project 760081 - Continuation)

\$25,271.00 - Department of the Interior, Washington, D. C., The Influence of Chemical Contaminants and Food Stress on Endocrine Control of Mourning Dove Courtship and Reproductive Behavior, Department of Zoology (G. H. Grau), 1 September 1978 through 31 August 1979. (Project 761355 - New)

\$20,800.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Graduate and Professional Opportunities Program, Graduate School (F. W. Hale, Jr.), 1 September 1978 through 31 August 1979. (Project 761332 - New)

\$18,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 October 1978 through 30 September 1979. (Project 760628 - Continuation)

\$17,120.00 - Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Electron Microscopy Study of Diphenylhydantoin and Acrylamide Toxicity, Department of Veterinary Pathobiology (C. C. Capen), 22 September 1978 through 30 September 1979. (Project 761386 - New)

\$14,500.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, National Research Fellowship Award, Department of Veterinary Pathobiology (W. B. High and C. C. Capen), 1 November 1978 through 31 October 1979. (Project 761387 - New)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$14,422.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hormones and Breast Cancer Prostaglandin Biosynthesis, Department of Surgery (J. P. Minton), 30 September 1978 through 28 February 1979. (Project 761413 - New)

\$9,994.00 - Department of the Navy, Naval Coastal Systems Center, Panama City, Florida, Application of the GTD to the Calculation of Acoustic Backscatter from Mine-Shaped Objects, ElectroScience Laboratory, Department of Electrical Engineering (R. G. Kouyoumjian and P. H. Pathak), 25 September 1978 through 30 September 1979. (Project 761374 - New)

\$9,933.00 - Department of Health, Education and Welfare, Office of Education, Occupational and Adult Education Branch, Washington, D. C., The Role of the School in Our Community: The Educator's Perspective, Mershon Center for Education in National Security (R. C. Remy), 1 October 1978 through 15 March 1979. (Project 761401 - New)

\$6,629.00 - Environmental Protection Agency, Cincinnati, Ohio, Protocol Development and Electron Microscopic and Immune Electron Microscopic Evaluation of Processed Fecal Samples, Department of Medical Microbiology (A. C. Ottolenghi), 6 September 1978 through 15 September 1979. (Project 761346 - New)

\$5,300.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering (R. E. Fenton), 1 October 1978 through 15 May 1980. (Project 760664 - Continuation)

\$4,131.00 - National Science Foundation, Washington, D. C., A Systematic Study of North American *Bidens*, Sections *Platycarpaea* and *Heterodonta*, Department of Botany (D. J. Crawford and M. L. Roberts), 15 October 1978 through 31 October 1980. (Project 761423 - New)

\$4,128.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Career Mobility in Medical Record Administration, School of Allied Medical Professions (R. J. Atwell and M. M. Pariser), 1 October 1978 through 30 September 1979. (Project 761395 - New)

\$3,936.00 - Department of the Interior, Fish and Wildlife Service, Twin Cities, Minnesota, An Investigation of Mortality of Lake Trout Stocked by Airplanes, Department of Zoology (B. L. Griswold), 13 September 1978 through 30 June 1979. (Project 760883 - Continuation)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$3,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Occupational and Adult Education, Washington, D. C., Assistance in Planning the Bureau of Occupational and Adult Education Commissioner's Report, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 31 October 1978. (Project 768005 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$3,229,588.00**

State of Ohio Research Contracts/Grants

\$112,500.00 - State of Ohio, Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Coordination of Consultation and Training Services Among University-Affiliated Facilities in Ohio, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1978 through 30 September 1979. (Project 761425 - Continuation)

\$40,000.00 - State of Ohio, Developmental Disabilities Planning Council, Columbus, Ohio, Technical Assistance System (Evaluation--Technical Assistance Project), Nisonger Center for Mental Retardation (W. E. Loadman), 1 October 1978 through 30 September 1979. (Project 761416 - Continuation)

\$31,007.00 - The Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social Skills to Special Education Students, Academic Faculty of Exceptional Children (T. M. Stephens), 1 October 1978 through 30 June 1979. (Project 761380 - New)

\$30,126.00 - State of Ohio, Department of Health, Columbus, Ohio, Care and Training of Hemophiliac Patients for Home Therapy and Health Maintenance, Department of Medicine (S. P. Balcerzak), 1 July 1978 through 30 June 1979. (Project 760847 - Continuation)

\$8,280.00 - State of Ohio, Department of Health, Columbus, Ohio, A Study of the 1122 Review Process in Ohio, School of Allied Medical Professions (P. C. Nutt and W. O. Cleverley), 1 October 1978 through 30 September 1979. (Project 761403 - New)

\$7,200.00 - State of Ohio, Department of Education, Columbus, Ohio, Assistance with Policy Analysis and Administration, Academic Faculty of Educational Administration (R. O. Nystrand), 1 September 1978 through 31 August 1979. (Project 761406 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$ 229,113.00**

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$65,000.00 - Kendall Demonstration Elementary School, Gallaudet College, Washington, D. C., Continuation of the Kendall Demonstration Elementary School Career Education Project, National Center for Research in Vocational Education (R. E. Taylor), 30 September 1978 through 29 September 1979. (Project 760952 - Continuation)

\$54,887.00 - Southeast Missouri State University, Cape Girardeau, Missouri, The Preparation of Supplemental Instructional Units Based on Crustal Research for Use in Grades 8-10, Academic Faculty of Science and Mathematics Education (V. J. Mayer), 1 September 1978 through 30 September 1979. (Project 761382 - Continuation)

\$43,476.00 - West Virginia University, Morgantown, West Virginia, Structural Mechanics Simulations Associated with Underground Coal Gasification, Department of Engineering Mechanics (S. H. Advani), 1 September 1978 through 30 April 1979. (Project 761290 - New)

\$28,334.00 - Muscular Dystrophy Association, New York, New York, MDA Drug Protocol, Department of Medicine (J. R. Mendell), 1 October 1978 through 30 September 1979. (Project 761360 - New)

\$27,000.00 - General Electric Foundation, Bridgeport, Connecticut, Evaluation of the General Electric Foundation Institute on Career Education and Guidance, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 15 April 1979. (Project 761330 - New)

\$22,280.00 - State of Vermont, Department of Education, Montpelier, Vermont, A Study to Determine the Feasibility of Establishing an Automated Management Information System for Vocational Education in the State of Vermont, National Center for Research in Vocational Education (R. E. Taylor), 15 September 1978 through 1 March 1979. (Project 761392 - New)

\$19,620.01 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry - Administration (C. W. Conroy), 1 July 1977 through 30 June 1978. (Project 760029 - Continuation)

\$18,435.00 - Charles F. Kettering Foundation, Dayton, Ohio, An Evaluation of the "Columbus in the World" Project, Mershon Center for Education in National Security (C. F. Alger), 1 September 1978 through 31 August 1979. (Project 761405 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$16,100.00 - Upper Arlington Public Schools, Upper Arlington, Ohio, The Upper Arlington Career Education Internship Program, Academic Faculty of Special Services (J. J. Quaranta), 1 October 1978 through 30 June 1979. (Project 761421 - Continuation)

\$10,470.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of *in vitro* Methods Used in Toxicological Research, Department of Veterinary Clinical Sciences (M. Wyman), 1 October 1978 through 30 September 1979. (Project 760402 - Continuation)

\$9,707.00 - Department of Development, City of Columbus, Ohio, Housing Counseling Program, Department of Psychology (J. Kaswan and A. Schwebel), 1 November 1978 through 1 December 1978. (Project 760947 - Continuation)

\$6,000.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Inhibition of RNA and Protein Synthesis by Methotrexate in Resting, Growing and Transformed Fibroblasts, Department of Biochemistry (L. F. Johnson), 1 October 1978 through 30 September 1979. (Project 761391 - New)

\$6,000.00 - Columbus Board of Education, Columbus, Ohio, A Cooperative Agreement Between The Ohio State University Research Foundation and Columbus (Ohio) Board of Education, Academic Faculty of Exceptional Children (R. H. Swassing), 1 October 1978 through 30 June 1979. (Project 761351 - New)

\$5,995.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Oxidative Activity in Tumors Characterized for Oxygen Toxicity Repair Enzymes, Department of Surgery (D. G. Bronn) and Department of Physiology (H. S. Weiss), 1 October 1978 through 30 September 1979. (Project 761402 - New)

\$5,948.00 - State of Mississippi, Department of Education, Office of Career Education, Jackson, Mississippi, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 31 December 1978. (Project 768009 - New)

\$5,500.00 - Madison Public Schools, Madison, Wisconsin, Alliance for Career and Vocational Education, Madison Metropolitan School District, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1978 through 30 June 1979. (Project 761356 - New)

\$4,500.00 - Kidney Foundation of Central Ohio, Inc., Columbus, Ohio, Renal Hemodynamic and Hormonal Alterations with Dobutamine Treatment in Patients with Cardiomyopathic Heart Failure, Department of Medicine (W. H. Bay), 1 October 1978 through 30 September 1979. (Project 761411 - New)

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$2,500.00 - Worthington City Schools, Worthington, Ohio, Assistance with School Plant Planning Needs, Academic Faculty of Educational Administration (R. O. Nystrand), 1 August 1978 through 30 September 1978. (Project 761383 - New)

\$2,500.00 - National Alliance of Businessmen, Columbus Metro, Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services (H. J. Peters), 1 September 1978 through 31 December 1978. (Project 761366 - Continuation)

\$1,720.00 - Thomas Buffington and Associates, Washington, D. C., Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 31 October 1978. (Project 768010 - New)

\$1,000.00 - American Cancer Society - Ohio Division, Inc., Columbus, Ohio, Detection of Tumor Associated Antigens (TAA) in Urine, Department of Medical Microbiology (J. H. Hughes), 1 July 1978 through 30 June 1979. (Project 760562 - Continuation)

\$660.00 - Commonwealth of Puerto Rico, Department of Education, Hato Rey, Puerto Rico, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 30 November 1978. (Project 768012 - New)

\$600.00 - The Northern Institute for Research, Training and Development, Inc., Anchorage, Alaska, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 28 September 1978 through 31 October 1978. (Project 768006 - New)

\$533.00 - Virginia Polytechnic Institute and State University, Division of Vocational and Technical Education, Blacksburg, Virginia, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 November 1978 through 30 November 1978. (Project 768011 - New)

\$450.00 - The University of Nebraska, Lincoln, Nebraska, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 8 September 1978 through 31 December 1978. (Project 768008 - New)

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER
NON-FEDERAL RESEARCH CONTRACTS/GRANTS \$ 359,215.01**

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$111,911.20 - Estate of Edna Smith Eakin, Lake Worth, Florida, for the Edna Smith Eakin Memorial Loan Fund.

\$61,500.00 - The Yassenoff Foundation, Inc., Columbus, Ohio: \$25,000.00 for the Leo Yassenoff Chair of Jewish Philosophy; \$20,000.00 for the University Activities Center; \$7,500.00 for the Student Athlete Grant-In-Aid Fund; \$1,000.00 for the College of Education Dean's Discretionary Fund; \$1,000.00 for the Graduate School Special Fund; \$1,000.00 for the Dean's Education and Research Fund-Veterinary Medicine; \$1,000.00 for the College of Dentistry Advancement Fund; \$1,000.00 for the Social and Behavioral Sciences Support Fund; \$1,000.00 for the Arts and Sciences Vice Provost Discretionary Fund; \$1,000.00 for the College of Mathematical and Physical Sciences Dean's Emergency Fund; \$1,000.00 for the Friends of WOSU Endowment Fund, \$500.00 for the College of Law Student Financial Aid Fund; and \$500.00 for the College of Law Advancement Fund.

\$55,948.00 - Trust Under the Will of Glenna R. Joyce, Columbus, Ohio, for the Glenna R. Joyce Scholarship Fund.

\$25,962.26 - Louise Orr Scott Foundation, Columbus, Ohio: \$19,471.70 for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$6,490.56 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$25,048.28 - Medicine Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$22,500.00 - Shell Companies Foundation, Houston, Texas: \$7,500.00 for the Shell Companies Foundation Fund for Electrical Engineering; \$7,500.00 for the Shell Companies Foundation Fund for Metallurgical Engineering; and \$7,500.00 for the Shell Companies Foundation Fund for Chemical Engineering.

\$20,000.00 - Eastman Kodak Company, Rochester, New York: \$10,000.00 for the Eastman Kodak Company Fund in Chemistry and \$10,000.00 for the Eastman Kodak Research Grant for support of research in the Department of Metallurgical Engineering.

\$20,000.00 - Lybrand Foundation, Columbus, Ohio, for the Coopers and Lybrand Accounting Fund.

\$19,515.51 - Estate of Margaretta F. Brown, Columbus, Ohio, for the College of Medicine Progress Fund.

\$18,531.77 - Department of Medicine Associates, Columbus, Ohio: \$17,289.98 for the Department of Medicine General Fund and \$1,241.79 for the Pulmonary and Respiratory Care Research Fund.

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$18,112.09 - Frederick H. Davidorf, M.D., Inc. (given in the name of Frederick H. Davidorf), Columbus, Ohio: \$12,064.41 for the Retina Research Fund; \$3,547.68 for the Ophthalmology Photography Fund; and \$2,500.00 for the Ophthalmology Art Work Fund.

\$15,548.13 - Systems Associates, Columbus, Ohio: \$8,938.47 for the Cardiology Support Fund and \$6,609.66 for the Department of Medicine General Fund.

\$14,625.00 - Grange Mutual Casualty Company, Columbus, Ohio, for the John Conrad Haaf Memorial Scholarship Fund.

\$13,032.00 - The Ohio Electric Utility Institute, Columbus, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.

\$12,000.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, for the Hoffmann-LaRoche, Inc., Research Fund.

\$11,053.74 - University Eye Surgeons, Inc., Columbus, Ohio, for the Eye Bank Fund.

\$10,818.00 - Dr. Melvin S. Newman, Columbus, Ohio, for the M. S. Newman Professorship of Chemistry.

\$10,078.13 - Foundation for Endowment of a Chair, New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Crutcher Resources Corporation, Houston, Texas, for Crutcher Resources Fund to support graduate research in the Department of Welding Engineering.

\$10,000.00 - Eaton Corporation, Cleveland, Ohio, for the Alliance with Industry Fund.

\$7,800.00 - Amoco Foundation, Inc., Chicago, Illinois: \$6,500.00 for the Amoco Foundation, Inc., Fellowship Fund for Chemical Engineering; \$1,000.00 for their Scholarship Fund in Geology; and \$300.00 for the Department of Geology Support Fund.

\$7,635.00 - The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for the John L. Carruthers Fellowship in Ceramic Engineering.

\$7,500.00 - Buckeye Potato Chip Co., Inc., Columbus, Ohio (given in the name of Rita J. Sabatino), for the Student Athlete Grant-In-Aid Fund.

\$6,585.00 - Dragon Productions, London, England, for the Infectious Disease Research Fund.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$6,500.00 - The Standard Oil Company, Cleveland, Ohio: \$4,000.00 for the Sohio Chemical Engineering Fund and \$2,500.00 for the Affirmative Action Program in Engineering.

\$6,419.35 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$6,000.00 - Union Carbide Corporation, New York, New York: \$5,000.00 for the Union Carbide Corporation Fellowship and Grant-In-Aid Fund in Chemical Engineering and \$1,000.00 for the Affirmative Action Program in Engineering.

\$5,964.93 - Melvin E. Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$5,543.25 - Mrs. Marion T. Colwill, Lutherville, Maryland, for Parkinson's Disease Research.

\$5,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for the Alcoa Foundation-Begley Research Fund in the Department of Metallurgical Engineering.

\$5,000.00 - The Allstate Foundation, Hudson, Ohio, for the Allstate Foundation Nursing Scholarship Program.

\$5,000.00 - Bertha A. Bouroncle, M.D., Columbus, Ohio, for Dr. Bouroncle's Blood Research Fund.

\$5,000.00 - Ciba-Geigy Corporation, Greensboro, North Carolina, for the Agronomy Weed Research Fund.

\$5,000.00 - Monsanto Company, St. Louis, Missouri: \$3,000.00 for the Monsanto Aid to Education Chemical Engineering Fund and \$2,000.00 for the Monsanto Fund for Chemistry.

\$5,000.00 - Nationwide Mutual Insurance Company, Columbus, Ohio, for the John W. Galbreath Chair in Real Estate.

\$5,000.00 - Schering Corporation, Kenilworth, New Jersey, for the Comparative Ophthalmology Veterinary Medicine Fund.

\$5,000.00 - University Urology, Inc., Columbus, Ohio (given in the names of Chester C. Winter, M.D., James H. Nelson, III, M.D. and Henry A. Wise, II, M.D.): \$3,000.00 for the Urology Education Fund and \$2,000.00 for the Urology Development Fund.

\$5,000.00 - Yoder Brothers, Inc., Barberton, Ohio, for the D. C. Kiplinger Chair in Floriculture.

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The M. H. Brown Family Endowed Scholarship Fund

The M. H. Brown Family Endowed Scholarship Fund was established December 7, 1978, in accordance with the proposal from the Brown Family, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Merritt H. Brown individually; Merritt H. Brown in honor of his wife, Helen Brown; Merritt H. Brown in honor of William J. Sitterley; and Merritt H. Brown in honor of John M. Lester, all of Lancaster, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for College of Agriculture students, with first preference going to Fairfield County students. The selection of the recipient(s) is to be made by the University Committee on Student Financial Aids with recommendations from the Advisors of Fairfield County Chapters of FFA (Future Farmers of America).

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

The Josef N. Knull Memorial Fund in Entomology

The Josef N. Knull Memorial Fund in Entomology was established December 7, 1978, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dorothy J. Knull, Ph.D. '35, in memory of her husband, Josef N. Knull.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with right to invest and reinvest as occasion dictates.

The annual income is to be used for the publication of occasional systematic papers in entomology through the Department of Entomology. Both the interest and principal shall be made available as needed. Requisitions for funds will be approved by the Chairman of the Department of Entomology in cooperation with the Dean of the College of Biological Sciences.

Should the need for the Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for entomology education.

December 7, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Friends of WOSU Endowment Fund

The Friends of WOSU Endowment Fund was established December 7, 1978, by the Board of Trustees of the University, with gifts from BancOhio/Ohio National Bank, City National Bank & Trust Company, Edgar W. Ingram Foundation, Ohio College Library Center, WBNS-TV and Yassenoff Foundation, Incorporated, all of Columbus.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to satisfy any need of the WOSU/AM, WOSU/FM or WOSU/TV stations as determined by the director of the University's Telecommunications Center with advice and counsel from the Board of Governors of the Friends of WOSU.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the appropriate administrative official of the University who is then directly responsible for the Telecommunications Center.

Paul C. and Sarah M. Smith Scholarship Fund

The Paul C. and Sarah M. Smith Scholarship Fund was established December 7, 1978, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Paul C. Smith, B.S.Arch. '54, and Sarah Miller Smith, B.S.Ed. '51, M.A. '53, Ph.D. '78, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees, with right to invest and reinvest as occasion dictates.

The income is to be used to provide scholarship assistance to one or more undergraduate students actively participating in varsity cheerleading. Students who have demonstrated academic ability and the need for financial assistance should receive first consideration. Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Director of Athletics. If in any year there are no applicants for this award, the income may be used at the discretion of the Director of Athletics for cheerleading purposes.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used by the School of Architecture to provide scholarship assistance to one or more undergraduate students who have demonstrated academic ability and the need for financial assistance.

December 7, 1978 meeting, Board of Trustees

EASEMENT - THE OHIO BELL TELEPHONE COMPANY

Resolution No. 79-76

Synopsis: Easement for The Ohio Bell Telephone Company is requested.

WHEREAS the University has received a request from The Ohio Bell Telephone Company for an easement for the purpose of installing an underground communication system; said installation to be constructed within the limits of a 10-foot by 50-foot strip of land located south of Kinnear Road near The Ohio State University Food Facility; and

WHEREAS the appropriate University agencies have recommended that said easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of Public Works, Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Mr. Hilliker, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**ESTABLISHMENT OF A FEE AUTHORIZATION PROGRAM
FOR FACULTY/STAFF DEPENDENTS**

Resolution No. 79-77

Synopsis: Establishment of a Fee Authorization Program for Faculty/Staff Dependents is being proposed.

WHEREAS the Board of Trustees at the April 7, 1978 meeting authorized the employment of a benefits consultant to examine and to provide a comprehensive evaluation of the University's benefits program; and

WHEREAS the consultants have submitted to the University their report, which has been reviewed by the administration as well as the Faculty Compensation and Benefits Committee; and

WHEREAS in the overall assessment contained in this report, the broad areas of program coverage are judged to be adequate, there were several areas noted, including the matter of fee authorization for dependents of faculty/staff, which were recommended for further review and possible program improvements; and

December 7, 1978 meeting, Board of Trustees

**ESTABLISHMENT OF A FEE AUTHORIZATION PROGRAM
FOR FACULTY/STAFF DEPENDENTS (contd)**

WHEREAS it has been concluded on the basis of this study as well as on the basis of previous reports and program assessments that the implementation of a fee authorization program would strengthen the University's benefits program:

NOW THEREFORE

BE IT RESOLVED, That this Board approves the recommendation of the administration for the establishment of a Fee Authorization Program for Faculty/Staff Dependents with a date of implementation of Summer Quarter, 1979.

Upon motion of Dr. Jacob, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**FEE AUTHORIZATION PROGRAM FOR FACULTY/STAFF DEPENDENTS
POLICY GUIDELINES**

The Fee Authorization Program at The Ohio State University is an educational assistance program for spouses and dependent children of eligible faculty and staff members. Eligibility for participation in this program by spouses and dependent children is based on the employment status of the faculty/staff members at The Ohio State University. For participating spouses and dependent children, a fee remission will be provided for one-half of the total Instructional and General fees charged for enrollment in credit courses. Participants may enroll in undergraduate, graduate, or professional degree-granting programs; however, in no event shall the amount of this remission exceed 50 percent of the undergraduate-level Instructional and General fees for full-time students. An eligible spouse and each dependent child may participate in the program for a total period not to exceed twelve quarters of registration.

Policy Guidelines

A. Eligibility of the Faculty/Staff Member

For spouses or dependent children to be eligible for participation in this program, a faculty/staff member must:

- Be a tenured faculty member holding an appointment for 50 percent or more of time; or
- Hold a regular faculty appointment as Associate Professor, Assistant Professor, or Instructor for 50 percent or more time and have at least three years of continuous service* with the University; or
- Be a Principal Administrative Officer or Senior Administrative and Professional Staff member holding a regular appointment for 50 percent or more time in Pay Range 69 or above; or

*For purposes of this program, continuous service is defined as employment as a regular faculty or staff member at The Ohio State University.

December 7, 1978 meeting, Board of Trustees

**FEE AUTHORIZATION PROGRAM FOR FACULTY/STAFF DEPENDENTS
POLICY GUIDELINES (contd)**

- Be a Senior Administrative and Professional, Unclassified Professional Staff or Classified Civil Service employee regularly employed for 50 percent or more time with at least three years of continuous service* with the University.

B. Eligibility of Spouses and Dependent Children

- For purposes of this program, "children" shall include: (1) natural born or adopted children or the natural born or adopted children of a spouse who are considered dependents of the eligible faculty/staff member for Federal Income Tax purposes; and (2) foster children who have been supported and have lived in the home of an eligible faculty/staff member for at least five years and who are considered dependents for Federal Income Tax purposes.
- Students participating in this program are required to maintain an academic record meeting the minimum standards of progress required for University financial aid recipients.
- Spouses and dependent children employed by the University in any capacity other than as student-employees or receiving aid under any educational grant, aid program, fellowship, scholarship, providing fee reimbursement administered by the University are not eligible for participation in the Fee Authorization Program.

C. Changes in Individual Employment Status

In the event of total disability or death of the faculty/staff member, each participating (enrolled) spouse/dependent child retains program eligibility for the balance of the twelve quarters of eligibility.

If a reduction in force results in an appointment for less than 50 percent time or the termination of the faculty/staff member's appointment, or if the faculty/staff member is granted a leave of absence without pay, eligibility is continued for one full quarter beyond the date of the change in status. In the event of any other termination of active service with the University, fee authorization benefits cease immediately.

D. Application

Application for Fee Authorization must be made at least 60 days prior to the first day of classes on a form available from the Office of Personnel Services.

E. Implementation

The President and/or the Vice President for Personnel Services is hereby authorized and directed to develop implementation guidelines for a Faculty/Staff Spouse and Dependent Children's Fee Authorization Program. The effective date of program implementation shall be Summer Quarter, 1979.

*For purposes of this program, continuous service is defined as employment as a regular faculty or staff member at The Ohio State University.

December 7, 1978 meeting, Board of Trustees

MODIFICATION OF MASTER PLAN FOR DON SCOTT FIELD

Resolution No. 79-78

Synopsis: Modification of Master Plan for Don Scott Field is being proposed.

WHEREAS the Board of Trustees on January 13, 1961, adopted a Master Plan for Don Scott Field which was subsequently modified on February 4, 1972; and

WHEREAS the Master Plan for Don Scott Field requires further modification to accommodate Federal Airport Development Aid Program regulations which provides much needed funding for the operation of the Airport; and

WHEREAS Raikes Associates, Inc., was employed to update the Campus Master Plan which includes the Master Plan for Don Scott Field; and

WHEREAS following approximately two years of study the Master Plan for Don Scott Field has been revised and is submitted through the Office of Campus Planning and Space Utilization; and

WHEREAS this modification incorporates the projected activity levels and the facilities to support the projected activity levels;

NOW THEREFORE

BE IT RESOLVED, That the proposal from the Office of Campus Planning and Space Utilization for the modification of the Master Plan for Don Scott Field be approved.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PRESIDENT ENARSON'S RETIREMENT BENEFITS

Resolution No. 79-79

Synopsis: Purchase of retirement benefits for President Harold L. Enarson is proposed.

WHEREAS under State law, provision is made for supplementing a person's retirement benefits by the purchase of prior years of teaching service at state universities other than in the State of Ohio; and

WHEREAS President Harold L. Enarson qualifies under this law for the purchase of additional years of such credit from State Teachers Retirement System of Ohio beyond that previously purchased; and

WHEREAS this Board of Trustees wishes to assure the University of Harold L. Enarson's services beyond the term of his present contract:

December 7, 1978 meeting, Board of Trustees

PRESIDENT ENARSON'S RETIREMENT BENEFITS (contd)

NOW THEREFORE

BE IT RESOLVED, That:

- (1) the existing employment contract entered into between The Ohio State University and Harold L. Enarson pursuant to Board Resolution No. 78-67, adopted on December 8, 1977, be cancelled effective the end of 1978;
- (2) a new employment contract for the term January 1, 1979 through September 30, 1980, be issued to him at his present salary of \$55,000 per annum, subject to the sufficiency of legislative appropriations to the University and to upward adjustment when permitted by law;
- (3) the Personnel Committee of the Board of Trustees be authorized to implement the purchase of such prior service credit in the State Teachers Retirement System of Ohio on behalf of Harold L. Enarson from unrestricted monies received by the University pursuant to Section 3345.16 of the Ohio Revised Code, within the constraints of President Carter's guidelines.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**NEGOTIATIONS FOR THE LEASE OF LAND AT THE DON SCOTT AIRFIELD
GIFT OF AIRCRAFT HANGARS**

Resolution No. 79-80

Synopsis: Negotiations for the lease of land at the Don Scott Airfield and gift of aircraft hangars is proposed.

WHEREAS the State of Ohio, for the use of The Ohio State University, has title to various parcels of land at the Don Scott Airfield, located in the City of Columbus, Franklin County, Ohio; and

WHEREAS several private corporations separately have expressed interest in leasing portions of said land for a term of not more than 25 years for the sole purpose of constructing aircraft hangar facilities for housing their aircraft and maintaining office and shop space, with the facilities to be donated to The Ohio State University through the Development Fund at the termination of each lease; and

WHEREAS it has been determined that the leasing of such land for the construction and operation of aircraft hangar facilities will not interfere with current or anticipated future operation of Don Scott Airfield or the use of adjacent University land; and

December 7, 1978 meeting, Board of Trustees

**NEGOTIATIONS FOR THE LEASE OF LAND AT THE DON SCOTT AIRFIELD
GIFT OF AIRCRAFT HANGARS (contd)**

WHEREAS it has been determined that accepting the gift of the resulting hangar facilities at the termination of such leases would be in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to negotiate and sign, on behalf of the University, such leases with any interested corporation and to request the Ohio Department of Administrative Services, Division of Public Works, to act for and on behalf of the University in completing the legal instruments required to provide for said leases; and

BE IT FURTHER RESOLVED, That the resulting hangar facilities be accepted as gifts to the University through the Development Fund and that the President and/or Vice President for Business and Administration be authorized to acquire title to such facilities.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-81

RESOLVED, That the report on the University's Investment Portfolio dated November 17, 1978, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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COMMENTS - PRESIDENT ENARSON

Fee Authorization or Tuition Remission Plan

President Enarson:

For the benefit of those who were not here for the Fiscal Affairs this morning, the committee did spend considerable time on this matter of the so-called fee authorization or tuition remission plan and I simply want to take this opportunity, Mr. Chairman and members of the Board, to thank Dr. Jim Garland and his associates on the Faculty Compensation and Benefits Committee, for pursuing in a very thoughtful way the faculty goal of a plan along these lines. We've worked together in a constructive way in the past two years, we've shaped up a program here, which I think it is fair to say, doesn't look anything like what many of us were thinking about the first time we looked at it. I think it's a very forward looking fringe benefit and I'm hopeful that it's so regarded by the faculty and staff.

December 7, 1978 meeting, Board of Trustees

COMMENTS - PRESIDENT ENARSON (contd)

Sportsmanship in Intercollegiate Athletics

President Enarson: (contd)

The second item goes to sportsmanship in intercollegiate athletics. It's impossible for any of us to really ever get the full grasp of initiatives of all kinds under way in this University, but I do like to remind the Board from time to time that there are real live students out there and real live faculty members out there. About a year ago, yes, a year ago, a year and a month ago following the Michigan/OSU game, I thought sportsmanship had deteriorated to a frightening level. My colleague and I, Bob Fleming from the University of Michigan, brought to the Council of Ten the topic of sportsmanship in intercollegiate basketball and football. We discovered somewhat to our surprise that the problems which seem to be afflicting this big-name contest were present on all of the Big Ten universities and, indeed, what we were seeing around the country was the steady erosion of those habits of good sportsmanship which we, at one time, thought were, in a large part, the rationale for intercollegiate sports. We decided to turn this around and we instructed Wayne Duke to organize some kind of a program to visit each institution to meet with key people including student leaders and to see what could be done. I think it is fair to say that Wayne Duke, when he visited here, found more encouragement, more support and more initiative than he found on perhaps any other campus. He said this to me several weeks ago just in passing and I said, 'Write me a note because we don't do enough of thanking people in this busy life of ours,' and I'd like to read this note from Wayne Duke:

Dear Harold:

This is to follow up our conversation Saturday in the press box concerning the activities of the Ohio Staters in conjunction with Conference efforts to improve sportsmanship at athletic contests.

Without question, the efforts of the Ohio Staters and the Ohio State Sportsmanship Steering Committee have far exceeded those of any other Conference institution. I have been most impressed with the ingenuity and follow through of this group.

Should there be any type of campus honor which might be bestowed on this group, I would heartily recommend that the persons responsible, particularly Alan Veatch, be nominated for such.

I know of no other efforts anywhere in the country paralleling these and I plan to direct attention to the Ohio State program in my report to the Council of Ten and to others.

In this connection I thought I had tracked these efforts fairly well during the year. I was aware, as we all were, of a number of activities, but it wasn't until I breakfasted with the Ohio Staters and persons from other organizations who have been associated with this effort that I realized the full extent of the hard work and the dedication and the creative imagination that had been given to this enterprise and I came away from that breakfast, as I do with all student breakfasts, enormously heartened and I just want to say to the Board, and through the Board to the public, that you can be very proud of what Ohio Staters have done.

December 7, 1978 meeting, Board of Trustees

COMMENTS - PRESIDENT ENARSON (contd)

Sportsmanship in Intercollegiate Athletics (contd)

President Enarson: (contd)

Is Alan Veatch here? Alan, you and Holly Stefanyk, would you stand up so that the Board can see you? These are the two young people who spearheaded this. Of course, I don't dare ask what happened to their grade point average, but I just did want to bring that to your attention.

Dr. Sirak: Well, I'm glad you did.

Dr. Jacob:

I'd like to add that I was part of what I thought was the low point of my athletic viewing career November of 1977 at Ann Arbor and I really feel that this is absolutely essential that something of this type got under way and when I heard that it was getting under way, I was happy that something was moving forward, but yet a little bit concerned about what exactly might be the result. I think the results have been very good and it certainly points up again what our student body can do and the student body leaders can do when they get motivated toward a specific goal. I would certainly like to add personal thanks to this because that day in Ann Arbor last year was probably the last day I ever want to visit Ann Arbor just because of a dreadful experience up there and I would hope that people that visit our campus under similar circumstances in the future don't ever have to go through that.

Dr. Sirak:

Well, I was with Jack Gushman at that meeting and in the presence of our wives, I can say that I certainly was very proud of our University, but I hate to have to see that kind of a performance to bring forth a prideful feeling.

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RESOLUTION OF GRATITUDE TO JOHN GUSHMAN

Resolution No. 79-82

Dr. Sirak:

Before closing this meeting, I wish to make some brief remarks about our former trustee, John Gushman, who recently resigned from this Board. I want to depict as best I can in words (and others can do it better than I) what a great job he did during the 8½ years he was Trustee. Many of you were here for many of those years as well. I am sure that you all will concur when I say that Jack was very dedicated to this University and to this Board. He was enabled to make fine contributions by reason of his fine mind, his integrity and his great experience in business and in other areas of our society. He always had a very objective view of the issues that came before us, and he had the strength and courage of his convictions.

December 7, 1978 meeting, Board of Trustees

RESOLUTION OF GRATITUDE TO JOHN GUSHMAN (contd)

Dr. Sirak: (contd)

I personally will miss him for these reasons and also because I regarded him as a close personal friend. I learned a great deal from being associated with him on the Board of Trustees. I know that I speak for all of you when I wish him well in his relocation in Florida and I am sure that he will be coming back to Columbus often and that we will see him when he does.

I make this in the form of a resolution of gratitude to John Gushman for his service to the Board and to the University.

Mr. Devenow: I second it, Mr. Chairman.

The foregoing resolution was adopted by unanimous voice vote.

Mrs. James:

I think that we ought not to forget Tig, because I think that Tig was as dedicated and devoted to the University as Jack was, in her own way. I certainly will miss Jack and Tig because it was always pleasant to be together with them and to share both their enthusiasm for what we were trying to do and the University in general, so don't forget Tig.

Dr. Sirak:

Okay, is that in the form of a resolution, I'll second it. It has been moved and seconded and I'm sure it's all passed.

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**MR. JOHN HAVENS COMMENTS ON PROPERTY
SURROUNDING DON SCOTT FIELD**

Mr. Havens:

Now that we have looked at the Master Plan for Don Scott, it seems to me that we have a lot of excess land up there that we are not using for aircraft or school purposes. I think we ought to do something about the future planning of that land. I would like to have you consider having the Administration develop some plan for what that land is going to be used for in the future. I don't see any reason why we should be sitting here year after year doing nothing with it. What is going to be the future of it? We do not own all of those parcels surrounding it; I'm not saying we should, but I think we ought to get working on the future and what we are going to do out there.

Dr. Sirak: That's a good point.

December 7, 1978 meeting, Board of Trustees

**MR. JOHN HAVENS COMMENTS ON PROPERTY
SURROUNDING DON SCOTT FIELD (contd)**

President Enarson:

Well, very briefly, the thrust of our recommendation this morning on the master plan was that we continue to address these problems one after another and we look not only at that parcel, but we look at other parcels as well. And in this connection I would hope that this University would move with considerable caution. I note with some rye amusement that a number of major universities are now investing their endowment in real estate. I also note with extreme interest that the value of farm land doubled in the last five years. I doubt if any other investment the University has has shown a greater promise of reward than the holding of land. That is not to say that we should just hold land because it might escalate in value. It is to say that we should look at our land, parcel by parcel, and I fully concur in your point that we don't want to have land for which we have no known plan and no known purpose. We're going to work on it.

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Thereupon the Board adjourned to meet Friday, February 2, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Howard D. Sirak
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 2, 1979

The Board of Trustees met at its regular monthly meeting on Friday, February 2, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

* * *

Minutes of the last meeting were approved.

* * *

February 2, 1979 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 11:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, John D. Jacob, D. James Hilliker, John F. Havens, and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-83

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Havens, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Clifton E. Mack

The Board of Trustees of The Ohio State University expresses its sorrow upon the death December 2, 1978 of Dr. Clifton E. Mack, Associate Professor Emeritus in the Division of Continuing Education, College of Administrative Science.

Professor Mack came to The Ohio State University in October, 1958 to serve as Chairman of the Procurement and Production Department at the Air Force School of Systems and Logistics, Wright-Patterson Air Force Base, Ohio, under a contractual arrangement between the University and the Air Force. He served as Assistant Director and later as Associate Director of the Defense Management Center, Continuing Education Division, College of Administrative Science, until his retirement in 1969.

Dr. Mack, who was recognized nationally as an authority in the field of government procurement, had a distinguished career of public service both as educator and administrator. He was Director, Bureau of Federal Supply, Treasury Department, and later Commissioner of Federal Supply in the successor agency, the General Services Administration, both central procurement agencies for the U. S. Government. He received the Presidential Medal of Merit for his supervision of government procurement programs during World War II.

February 2, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Clifton E. Mack (contd)

He was a committed scholar in the field of procurement in government at local, national and international levels. He served as a consulting editor in Contract Law for McGraw-Hill Publishing Company and also for the International Division of that same company. He was a member of the Planning Council of the Purchasing Division of the American Management Association and served as an educational consultant in procurement for various organizations including the public administration division of the United Nations staff. He served as Adjunct Professor, School of Public Affairs, American University.

Professor Mack received his undergraduate education in Accounting at Bryant and Stratton College in Boston. He received the LL.B. degree from Suffolk Law School in 1927. He was awarded the honorary doctorate of L.H.D. by Denison University in 1964.

An Army aviator and veteran of World War I, he was a charter member of the Aviation Hall of Fame. He was a charter member of Daedalians.

On behalf of the University community, the Board of Trustees expresses to the family of Clifton E. Mack its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to his family as a sincere expression of sympathy and respect.

Philip A. Tripp

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 21, 1978 of Philip A. Tripp, Professor of Education, Academic Faculty of Special Services, College of Education. He joined the University faculty as Professor in 1969.

Dr. Tripp was a mentor to his students, to other faculty in the field of Student Personnel Work, and to members of the professional associations to which he belonged. Committed deeply to the concept of community, Dr. Tripp impressed upon his colleagues the larger meanings of professional behavior and was heralded as a scholar who was able to address emerging issues with approaches rich in their reason of the human potential. He was imbued with a sense of history and had a clear and persuasive understanding of his role in the stream of events.

While at Ohio State, Dr. Tripp served in the Student Personnel Work in Higher Education academic program. He had special talents in being able to address successfully both the beginning graduate student and those at the dissertation stage and was responsible for developing relationships between scholarship and practice situations.

Born in Cleveland on April 1, 1918, he spent his childhood years in Ohio and was graduated from Lakewood High School.

Dr. Tripp received his Bachelor's degree from Ohio University and his Master's and Doctor of Philosophy degrees from the University of Chicago.

February 2, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Philip A. Tripp (contd)

Before joining the faculty of The Ohio State University, he taught creative writing at Shimer College, was the Dean of Students at Washburn University, served as Research and Program Specialist in Higher Education for the U. S. Office of Education, and was the Vice President for Student Affairs at Georgetown University.

Dr. Tripp held membership in the American College Personnel Association, having served on its Executive Council; the American Personnel and Guidance Association, with duties as Senator; the American Association for Higher Education; the National Association of Student Personnel Administrators; and the Association for the Study of Higher Education. Dr. Tripp was very active in association work, served on many task forces, and acted as referee for professional publications.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family.

W. Hayes Yeager

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 14, 1978, of Willard Hayes Yeager, Professor Emeritus, Department of Communication. Professor Yeager was Chairman of the Department of Speech and Theatre at Ohio State for twenty-three years, before his retirement in 1968. Earlier in his career he taught an additional four years at Ohio State.

A nationally known teacher and scholar, Professor Yeager authored eight volumes on public speaking, one of which went through six editions. Additionally, he wrote numerous monographs. He held several administrative positions in professional organizations, including the presidency of the Speech Association of America in 1941.

While at Ohio State, Professor Yeager succeeded in putting together one of the largest programs of speech education in the United States.

Professor Yeager earned the B.A. and M.A. degrees at The Ohio State University, and received the LL.D. degree from Morris Harvey College.

Apart from his tenure as a Professor at The Ohio State University, he taught in the public schools of Mingo Junction, Ohio, and Parkersburg, West Virginia, served as an Associate at the University of Illinois, and as Executive Officer of the Department of Speech at George Washington University.

Professor Yeager held memberships in the Speech Association of the Eastern States, the Speech Association of the Central States, and the Speech Association of America. He also was a member of the Drama Guild and of the Cosmos Club in Washington, D. C.

February 2, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

W. Hayes Yeager (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family.

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**ADDITION OF NEW RULE 3335-9-321 AND AMENDMENT OF
RULE 3335-3-22 OF THE ADMINISTRATIVE CODE**

Resolution No. 79-84

Synopsis: Approval of addition of rule 3335-9-321 and amendment of rule 3335-3-22 of the Administrative Code is being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-08 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of additions and amendments to *Rules of the University Faculty* as approved by the University Senate:

3335-9-321 Requirements for a certificate of study.

Sets up a guide for the establishment and maintenance of programs leading to a certificate.

3335-3-22 Council of deans.

Gives the provost flexibility to choose the official in his office to act as secretary to the council.

NOW THEREFORE

BE IT RESOLVED, That the foregoing addition and amendment to *Rules of the University Faculty*, as approved by the University Senate on November 18, 1978, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Mrs. James, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

3335-9-321 Requirements for certificate of study.

A certificate of study may be awarded concurrent with or following the student's receipt of a baccalaureate degree. Award of such certificates shall attest to demonstrated competence in a coherent academic curriculum, program or area of study.

February 2, 1979 meeting, Board of Trustees

**ADDITION OF NEW RULE 3335-9-321 AND AMENDMENT OF
RULE 3335-3-22 OF THE ADMINISTRATIVE CODE (contd)**

- (A) To obtain a certificate a student must:
- (1) Have been or be enrolled in the university during the last quarter of work necessary to complete the certificate requirement. In addition, the student must meet any residency requirement established by the college, the colleges of the arts and sciences, or the school recommending the certificate.
 - (2) Have earned through regular course enrollment a minimum of forty-five quarter hours credit in an approved certificate program. No certificate program shall require enrollment in and credit for more than ninety quarter hours. At least one-third of all quarter hours credit earned in a certificate program shall be at the 500-level or above. No more than five credit hours in the certificate program may be counted toward the student's undergraduate major or minor. Credit hours used to fulfill the requirements for one certificate may not be counted toward any other certificate.
 - (3) Have earned the mark of "A," "A-," "B+," "B," "B-," "C+," "C," or "C-" for all courses counted toward completion of the certificate requirements.
 - (4) Have attained an undergraduate cumulative grade point average of 2.00 (or a graduate cumulative grade point average of 3.00, as appropriate) in courses used to satisfy the certificate program requirements.
 - (5) Have satisfactorily met all additional college or school requirements for the certificate involved.
 - (6) Have filed an application for the certificate in accordance with rules prescribed by the college, colleges of the arts and sciences, or school.
- (B) Waiver of any part of this rule in the case of individual students may be made only by the council on academic affairs upon recommendation of the executive committee of the college, colleges, or school. The provost shall transmit all affirmative actions of the council under this section to the secretary of the student's enrollment unit and to the director of registration, records and scheduling for notation on the student's permanent record.
- (C) The colleges of dentistry, law, medicine, optometry, and veterinary medicine, and the graduate school may establish requirements and conditions, rather than those above, for certificates of study. Such requirements must be approved by the council on academic affairs.
- (D) Authority for approval of all certificate programs shall rest with the council on academic affairs. Proposal for graduate certificates must also receive the approval of the graduate council. The president of the university and the university senate shall be regularly informed of council actions in this regard. (B/T 2/2/79)

February 2, 1979 meeting, Board of Trustees

**ADDITION OF NEW RULE 3335-9-321 AND AMENDMENT OF
RULE 3335-3-22 OF THE ADMINISTRATIVE CODE (contd)**

3335-3-22 Council of deans.*

- (A) The president of the university, the provost, the deans of the colleges, the associate provost for instruction, the vice provost for research and dean of the graduate school, and the vice provost for arts and sciences shall comprise the council of deans of the university. The president shall be chairman of the council, the provost shall be vice chairman, and the provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the provost.
- (B) The council of deans shall meet on the call of the chairman. The council of deans shall serve as an advisory council to the president. (B/T 10/5/73, B/T 2/2/79)

*Rule initiated by board of trustees.

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BUDGET SUMMARY (SECOND QUARTER 1978-79)

Resolution No. 79-85

Synopsis: Second Quarter Budget Summary, 1978-79 is presented for review and acceptance.

This Budget Summary for the second quarter, 1978-79 contains revised estimates of resource and expenditure projections as actual data have become available. Increases have been made to the Unrestricted Funds estimates of the Columbus campus to reflect the full funding of instructional subsidy earnings beyond those appropriated in Sub. H.B. 191. In 1977-79, such earnings beyond the original appropriation were funded at 23 per cent of the subsidy model levels. The University's budget for 1978-79 was created assuming that same 23 per cent factor for what is termed "overearnings" based on enrollments above the State's projected level. This revision also contains a higher estimate of the level of state funding for the pay bill implemented earlier this year. Minor revisions in the Restricted Funds estimates reflect changes in spending patterns from those anticipated earlier this year.

WHEREAS the second quarter report of the 1978-79 Current Funds Budget, covering the period July through December, 1978, is presented for review by the Board of Trustees and its income/expense estimates deviate by less than one per cent from the 1978-79 budget approved by the Board in June, 1978; and

WHEREAS the projected income and expenditures of the second quarter report for 1978-79 are balanced:

February 2, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved December 7, 1978	Proposed Revised Budget February 2, 1979
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$144,051	\$144,971
Libraries	8,290	8,362
Other Academic Support	2,598	2,587
Sponsored Programs Administration	2,244	2,244
Student Services	7,781	7,885
Plant Operation	25,265	25,563
Institutional Support	15,318	15,468
Total Instruction and General	\$205,547	\$207,090
Sponsored Research		
Research Foundation	\$ 27,145	\$ 28,230
Engineering Experiment Station	1,883	1,808
University Sponsored Programs	913	916
Other	2,896	3,116
Total Sponsored Research	\$ 32,837	\$ 34,070
Public Service		
University Hospitals	\$ 79,585	\$ 80,100
Cooperative Extension Service	19,235	19,300
University Sponsored Programs	2,419	2,422
Other	16,749	16,472
Conferences	2,380	2,380
Total Public Service	\$120,368	\$120,674
Student Aid	\$ 6,122	\$ 6,122

February 2, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved December 7, 1978	Proposed Revised Budget February 2, 1979
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 19,152	\$ 19,152
Intercollegiate Athletics	8,062	8,062
University Bookstores	4,735	4,735
Student Health Service	2,395	2,395
Student Unions	2,478	2,478
Parking Facilities	2,692	2,692
University Airport	1,751	1,751
Fawcett Center for Tomorrow	1,359	1,359
Other	936	936
Total Auxiliaries	\$ 43,560	\$ 43,560
TOTAL COLUMBUS CAMPUS	\$408,434	\$411,506
Regional Campuses		
Administration	\$ 179	\$ 180
Lima Campus	2,266	2,266
Mansfield Campus	2,287	2,295
Marion Campus	1,348	1,365
Newark Campus	2,084	2,104
Agricultural Technical Institute	2,339	2,381
Wright-Patterson Graduate Center	165	165
Total Regional Campuses	\$ 10,668	\$ 10,756
GRAND TOTAL	\$419,102	\$422,262

February 2, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1978-79 BUDGET
(IN THOUSANDS)

	Estimated Income December 7, 1978	Estimated Income February 2, 1979
Columbus Campus		
Government Appropriations		
State of Ohio	\$140,893	\$142,465
Federal	51,701	53,341
Other	5,820	5,655
Subtotal	\$198,414	\$201,641
Student Fees		
Instruction and General	\$ 58,460	\$ 58,460
Room and Board	16,113	16,113
Other	2,725	2,725
Subtotal	\$ 77,298	\$ 77,298
Other Income		
Auxiliary Sales and Charges	\$ 98,001	\$ 98,566
Department and University Services	17,827	17,827
Endowment Income	2,965	2,995
Gifts and Grants	13,630	12,880
Temporary Investments	2,800	2,800
Subtotal	\$135,223	\$135,068
TOTAL COLUMBUS CAMPUS	\$410,935	\$414,007
Regional Campuses		
Lima Campus	\$ 2,576	\$ 2,601
Mansfield Campus	2,604	2,632
Marion Campus	1,562	1,580
Newark Campus	2,369	2,389
Agricultural Technical Institute	2,505	2,548
Wright-Patterson Graduate Center	165	165
TOTAL REGIONAL CAMPUSES	\$ 11,781	\$ 11,915
GRAND TOTAL	\$422,716	\$425,922

February 2, 1979 meeting, Board of Trustees

BUDGET SUMMARY (SECOND QUARTER 1978-79) (contd)

NOW THEREFORE

BE IT RESOLVED, That the accompanying second quarter budget report be accepted.

Upon motion of Mr. Havens, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 79-86

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignation of Administrative Official, Other Personnel Action, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the December 7, 1978 meeting of the Board, including the following Resignation of Administrative Official, Other Personnel Action, Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles, as detailed in the University Budget for 1978-79 be approved.

Resignation of Administrative Official

ALBERT J. KUHN has announced that he will resign as Provost, Office of Academic Affairs, effective June 30, 1979. He will return to full-time teaching in the Department of English.

Other Personnel Action

WAYNE WOODROW HAYES, Head Coach, Major Sports - Football, Department of Athletics, relieved of coaching duties, effective December 30, 1978. His current status with the University is Professor, School of Health, Physical Education and Recreation.

Appointments

Name:	THOMAS B. SMITH
Title:	Acting Vice President
Office:	Business and Administration
Effective:	January 1, 1979
Salary:	\$42,780.00 (12-months)
Present Position:	Associate Vice President, Office of Physical Facilities

February 2, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: EARLE D. BRUCE
Title: Head Coach, Major Sports - Football
Department: Athletics
Effective: January 12, 1979
Salary: \$42,000.00 (12-months)
Present Position: Head Football Coach, Iowa State University, Ames, Iowa

Name: LUTHER M. KEITH, JR.
Titles: Associate Medical Director for Surgical Services, University Hospitals; Professor, Department of Surgery; and Team Physician, Department of Athletics
Effective: January 1, 1979
Salary: \$41,640.00 (12-months)
Present Position: Professor, Department of Surgery, and Team Physician, Department of Athletics

Leaves of Absence Without Salary

MICHAEL L. BENEDICT, Associate Professor, Department of History, effective January 1, 1979 through September 30, 1979, to accept a fellowship at the Woodrow Wilson International Center.

KATHERINE HOCH, Assistant Professor, Department of English, effective January 1, 1979 through March 31, 1979, for personal reasons.

DUN MOW HONG, Assistant Professor, Department of Economics (Lima Campus), January 1, 1979 through March 31, 1979, for personal reasons.

MARY C. MITCHELL, Assistant Professor, Department of Human Nutrition and Food Management, effective January 1, 1979 through September 30, 1979, to pursue her studies for a doctor of philosophy degree.

DENNIS L. ELLIOTT, Instructor, Cooperative Extension Service, effective November 16, 1978 through December 31, 1978, for graduate study at OSU.

GOLDEN JACKSON-MERGLER, Instructor, Department of Home Management and Housing, effective January 1, 1979 through May 31, 1979, for graduate study at OSU.

Professional Improvement Leaves

MELVIN N. GREENBALL, Professor, Academic Faculty of Accounting, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

February 2, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

DAVID K. HSIAO, Professor, Department of Computer and Information Science, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

MARI R. JONES, Professor, Department of Psychology, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

P. JOHN KOZYRIS, Professor, College of Law, effective Spring Quarter 1980 and Autumn Quarter 1980.

PHILIP A. MARKS, Professor, Department of Psychiatry, effective Summer Quarter 1979, Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

KEITH S. ROSENN, Professor, College of Law, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

H. C. SLIDER, Professor, Department of Chemical Engineering, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

ROBERT A. BUERKI, Associate Professor, College of Pharmacy (Division of Administrative and Social Sciences), effective Summer Quarter 1979, Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

JAMES W. COLLINSON, Associate Professor, Department of Geology and Mineralogy, effective Winter Quarter 1980, Spring Quarter 1980 and Summer Quarter 1980.

HENRY GLOVER, Associate Professor, Department of Mathematics, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

NEIL J. LEWIS, Associate Professor, College of Pharmacy (Division of Medicinal Chemistry), effective Summer Quarter 1979, Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Emeritus Titles

MATTHEW C. DODD, Department of Microbiology, with the title Professor Emeritus, effective February 1, 1979.

RALPH H. GRIMSHAW, Department of Animal Science, with the title Professor Emeritus, effective January 1, 1979.

C. M. PERRY, Cooperative Extension Service, with the title Associate Professor Emeritus, effective February 1, 1979.

February 2, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

WILLIAM P. SMITH, Cooperative Extension Service, with the title Associate Professor Emeritus, effective February 1, 1979.

LLOYD LUTZ, Cooperative Extension Service, with the title Instructor Emeritus, effective February 1, 1979.

JOHN K. WELLS, Cooperative Extension Service, with the title Instructor Emeritus, effective November 1, 1978.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EMERITUS TITLE - EDWARD Q. MOULTON

Resolution No. 79-87

WHEREAS Dr. Moulton officially terminated his services with the University, effective January 1, 1979, in order to assume the duties and responsibilities of Chancellor of the Ohio Board of Regents; and

WHEREAS it is the wish of this Board to recognize Dr. Moulton at the time of his official retirement from State service:

NOW THEREFORE

BE IT RESOLVED, That effective at such time as Dr. Edward Q. Moulton retires pursuant to the rules and regulations of the State Teachers Retirement System, he shall be accorded the title of Vice President and Secretary of the Board of Trustees Emeritus.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-88

Synopsis: The reports on contracts, grants and gifts and the summaries for November and December are presented for Board acceptance.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station and The Ohio State University Development Fund during the months of November and December 1978, be approved.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR NOVEMBER 1978

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 51,673.59
The Ohio State University Research Foundation	49	2,027,166.00
		\$2,078,839.59
The Ohio State University Development Fund	3,074 Donors	\$ 595,282.01
Establishment of Named Funds		
The Herman E. Wening and Elisabeth F. Wening Memorial Scholarship Fund (College of Engineering)		\$ 150,000.00
The David Meade Massie Library Endowment (University Library)		17,500.00
The Alumnae Club of The Ohio State University Scholarship Fund (Upperclass female students)		7,824.46

February 2, 1978 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

New Presidents Club Members, November 1978

Ralph Antolino, Jr.	Martin P. Myers
Dan J. Binau	Jerome W. Nelson
Mary Jane Bright	Marjorie R. Nelson (Mrs. Jerome W.)
William U. Britton	Maude R. Osborne (Mrs. L. K.)
Helen I. Brown (Mrs. Merritt)	James J. Paulk
Merritt H. Brown	William G. Paull
W. Loren Chalfin	Charles A. Penzone
Robert L. Chemas	Edward G. Razek
Lester A. Cronin	Dean B. Rinehart
Gretchen R. Cypher	John K. Romig
Ray S. Dwelle	David M. Schirtzinger
Daniel E. Evans	Donald H. Schriver
Richard A. Ginsburg	Sam Segall
Patricia L. R. Gladman	John E. Sestina
Barbara P. Gunner	G. Deming Seymour
Charles N. Hunt	Gus L. Singleton
John E. Jeffries, Jr.	William J. Sitterley
Patsy P. Jones (Mrs. Donald)	Thomas L. Smith
David A. Katz	Edith Wood Starin (In Memoriam)
Florence A. Keuerleber	Patrick J. Steger
Robert A. Koblentz	Richard E. Talcott
Harry L. Lentz	David W. Tripp
John M. Lester	Dale B. Wade
Douglas R. Miller	Rolf L. Wells
Jeffrey P. Miller	Robert S. Wood
Mark A. Miller	Lori K. Wunderlich (Mrs. Daniel B.)
Mark A. Morrow	Mark E. Wyss

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR DECEMBER 1978

Source	No. of Projects	Support Level
Office of Business and Administration	2	\$ 53,608.22
The Ohio State University Research Foundation	60	3,769,627.00
Engineering Experiment Station	1	42,780.00
		\$3,866,015.22

Establishment of Named Funds

The Sidney Licht Annual Lecture Series in Physical Medicine and Rehabilitation (Travel expenses and honorarium for Sidney Licht Lecturer)	\$ 19,861.67
The Howard Francis Seely Memorial Scholarship Fund (College of Education)	17,000.00
The Woody and Anne Hayes Scholar- ship Fund (Varsity athletes who pursue graduate or professional training)	10,000.00
The Robert Bartels Scholarship for International Business Studies (Undergraduate seniors majoring in international business)	5,443.50
The Charles B. Huelsman, Jr., Memorial Fellowship Fund (Graduate student in the study of exceptional child)	5,240.00
The John Arthur and Theodore H. Harley Family Scholarship Fund (Undergraduate student in ceramic engineering)	5,000.00
The Garrison Fund for Womens' Pro- grams in Continuing Education (Office of Womens' Programs)	3,000.00

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1978 to December 31, 1978

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsor	No. of Projects	Level of Support
FEDERAL		
Student Programs	10	\$2,640,433.00
STATE OF OHIO	2	29,437.16
INDUSTRIAL AND OTHER	5	100,916.79
TOTALS	17	\$2,770,786.85

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1978 to December 31, 1978

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Projects	Level of Support
FEDERAL		
Department of Energy	1	\$ 54,000.00
National Aeronautics and Space Administration	3	106,505.00
National Science Foundation	4	118,633.00
Department of Defense	27	1,627,531.00
Department of Health, Education and Welfare	49	4,499,833.00
Other Federal	22	1,207,561.00
TOTAL - FEDERAL	106	\$7,614,063.00
STATE OF OHIO	15	\$ 552,465.00
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	70	\$1,448,181.81
GRAND TOTAL	191	\$9,614,709.81

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1978 to December 31, 1978

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Projects	Level of Support
FEDERAL	1	\$ 17,130.00
STATE	3	218,487.00
INDUSTRIAL AND OTHER	106	416,476.00
TOTALS	110	\$652,093.00

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Research Contract/Grant

\$22,245.02 - State of Ohio, Division of Vocational Education, Columbus, Ohio, for Special Services in Business and Office Education, Academic Faculty of Vocational-Technical Education, September 11, 1978 through June 30, 1979.

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$28,000.00 - Committee on Institutional Cooperation, Evanston, Illinois, for Midwest Program for Minorities in Engineering, College of Engineering, September 1, 1978 through August 31, 1979. (Alfred P. Sloan Foundation Grant No. 78-4-12)

\$1,428.57 - Central Ohio Special Education Regional Resource Center, Columbus, Ohio, for presentation of a course "Instruction and Management of Children with Severe Behavioral Disorders," Academic Faculty of Exceptional Children, Autumn Quarter, 1978. (Project No. 170C-IRP-79)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS

\$29,428.57

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$175,010.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational and Safety Health Training Education and Related Assistance Capabilities, Division of Continuing Education, College of Administrative Science (C. J. Slanicka), 1 October 1978 through 30 September 1979. (Project 761381 - New)

\$160,000.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Mining and Mineral Resources Research Institute (MMRRI) Research Scholarships and Fellowships, Engineering Experiment Station (C. J. Konya) and Department of Civil Engineering (O. J. Sproul), 1 October 1978 through 30 September 1979. (Project 761449 - New)

\$139,946.00 - Department of the Air Force, Air Force Office of Scientific Research (AFSC), Bolling Air Force Base, D. C., Fluid Dynamics of Multiple Nozzle Arrays and Radial Flow Diffusers, Department of Aeronautical and Astronautical Engineering (J. D. Lee and S. L. Petrie), 1 January 1979 through 31 December 1979. (Project 760340 - Continuation)

\$110,000.00 - Department of the Interior, Office of Surface Mining, Washington, D. C., Mining and Mineral Resources Research Institute (MMRRI) Initial Allotment, Engineering Experiment Station (C. J. Konya) and Department of Civil Engineering (O. J. Sproul), 1 October 1978 through 30 September 1979. (Project 761409 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$103,164.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (R. A. Yeary), 1 December 1978 through 30 November 1979. (Project 762962 - Continuation)

\$74,518.00 - Department of the Army, Ballistic Missile Defense Systems Command, Huntsville, Alabama, Advanced Numerical Optical Concepts, ElectroScience Laboratory, Department of Electrical Engineering (S. A. Collins), 19 November 1978 through 1 October 1979. (Project 760625 - Continuation)

\$56,002.00 - National Science Foundation, Washington, D. C., Protease Inactivation by Gastrointestinal Parasites, Department of Zoology (P. W. Pappas) and Department of Biochemistry (G. E. Means), 15 October 1978 through 31 October 1980. (Project 761439 - New)

\$54,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1978 through 30 November 1979. (Project 760022 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Mechanism of Fiber Release During the Pyrolysis of Carbon Fiber Reinforced Plastics, Department of Chemical Engineering (E. E. Smith), 1 December 1978 through 30 November 1979. (Project 761445 - New)

\$25,692.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Sex-Typed Teaching Styles Among University Professors and Student Reactions: Barriers to Women's Success, Department of Sociology (L. R. Walum and A. S. Macke), 1 October 1978 through 30 September 1979. (Project 761433 - New)

\$25,332.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Transonic Wind Tunnel Experiments on Oscillating Airfoils, Department of Aeronautical and Astronautical Engineering (S. L. Petrie), 1 October 1978 through 30 September 1979. (Project 760385 - Continuation)

\$24,369.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Organochlorine Contaminant Levels in Edible and Inedible Portions of Selected Lake Erie Fishes, Department of Zoology (T. J. Peterle, R. F. Carline and B. L. Griswold), 22 September 1978 through 1 March 1980. (Project 761370 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$20,061.00 - Department of the Air Force, Office of Scientific Research, Washington, D. C., Influence of Roost Site Selection and Maximizing the Efficiency of Starling and Blackbird Energetics, Department of Zoology (S. Lustick), 1 December 1978 through 30 November 1979. (Project 761441 - New)

\$20,000.00 - National Science Foundation, Washington, D. C., Role of Alpha-Lactalbumin in Lactose Biosynthesis, Department of Chemistry (L. J. Berliner) 1 November 1978 through 31 October 1979. (Project 761432 - New)

\$5,300.00 - Department of Agriculture, Forest Service, Bedford, Indiana, Distribution and Habitat Characteristics of the Indiana Bat in Wayne National Forest, Ohio, Department of Zoology (T. A. Bookhout), 1 October 1978 through 30 September 1979. (Project 761336 - New)

\$591.00 - Department of Transportation, Federal Highway Administration, Washington, D. C., Fundamental Studies in Automated Vehicle Control, Department of Electrical Engineering (R. E. Fenton), 1 November 1978 through 15 May 1980. (Project 760664 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS	\$1,023,985.00
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State of Ohio Research Contracts/Grants

\$89,883.00 - Ohio Board of Regents, Columbus, Ohio, Coordination of Allied Health Education Programs, School of Allied Medical Professions (S. C. Upp and D. C. Broski), 1 October 1978 through 30 September 1979. (Project 761399 - New)

\$69,013.00 - Ohio Occupational Information Coordinating Committee, State Department of Education, Division of Vocational Education, Columbus, Ohio, The Labor Supply Component of Vocational and Technical Training in Ohio, Academic Faculty of Labor and Human Resources (S. C. Kelley and M. Sandver), 1 November 1978 through 30 September 1979. (Project 761435 - New)

\$56,044.00 - Ohio Air Quality Development Authority, Columbus, Ohio, Development and Demonstration of an Adaptive System to Analyze and Forecast the Capacity of the Air Environment in Relation to Industrial Activity in Ohio, School of Public Administration (W. Gorr) and Academic Faculty of Management Science (R. Carbone), 1 October 1978 through 30 September 1979. (Project 761427 - New)

\$44,786.00 - Ohio Department of Energy, Columbus, Ohio, A Two-Wave Telephone Survey of Energy Conservation Attitudes and Practices, Program for Energy Research, Education and Public Service, Graduate School (W. B. Moreland) and Department of Political Science (S. J. Thorson), 1 September 1978 through 30 April 1979. (Project 761295 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$8,450.00 - Ohio Youth Commission, Columbus, Ohio, Buckeye Youth Center, VRS Project, Academic Faculty of Exceptional Children (W. L. Heward), 1 October 1978 through 30 June 1979. (Project 761379 - New)

\$7,177.00 - The Ohio Program in the Humanities, Columbus, Ohio, Proud Black Images: Radio Presentations, Department of Black Studies (C. Nesbitt), 1 July 1978 through 30 June 1979. (Project 761256 - Continuation)

\$4,999.00 - Ohio Department of Health, Division of Chronic Diseases, Columbus, Ohio, Language Retraining for Aphasiac Individuals, Department of Communication (S. M. Goff), 1 October 1978 through 31 December 1978. (Project 760680 - Continuation)

\$3,000.00 - Ohio Occupational Information Coordinating Committee, State Department of Education, Division of Vocational Education, Columbus, Ohio, Employer Sponsored Training in Ohio, Academic Faculty of Labor and Human Resources (S. C. Kelley and M. W. Kell), 1 November 1978 through 31 January 1979. (Project 761434 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$283,352.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$106,801.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Severely Retarded Classroom Units, Nisonger Center for Mental Retardation (D. Cavin), 1 September 1978 through 31 August 1979. (Project 760826 - Continuation)

\$104,055.00 - Cedars-Sinai Medical Center, Los Angeles, California, National Cooperative Gallstone Study, Department of Medicine (F. B. Thomas and H. S. Mekhjian), 1 September 1978 through 31 August 1979. (Project 760590 - Continuation)

\$100,000.00 - Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (J. R. Bianchine), 1 October 1978 through 30 September 1979. (Project 760484 - Continuation)

\$55,556.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Preschool Classroom Units, Nisonger Center for Mental Retardation (D. Cavin), 1 September 1978 through 31 August 1979. (Project 760825 - Continuation)

\$43,420.00 - Hannah Neil Center for Children, Inc., Columbus, Ohio, Implementing Behavioral Treatment Activities, Academic Faculty of Exceptional Children (J. O. Cooper) and School of Health, Physical Education and Recreation (C. L. Mand), 1 September 1978 through 31 May 1979. (Project 761350 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$40,929.00 - Lilly Research Laboratories, Indianapolis, Indiana, Absorption and Excretion of Cinoxacin in Volunteers with Renal Insufficiency, College of Pharmacy (J. A. Visconti, M. Blanford and W. Bay), 1 August 1978 through 30 July 1979. (Project 761284 - New)

\$37,068.00 - Franklin County Program for the Mentally Retarded, Columbus, Ohio, Early Training Project, Nisonger Center for Mental Retardation (D. Cavin), 1 September 1978 through 31 August 1979. (Project 760827 - Continuation)

\$35,290.00 - University of Michigan, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 September 1978 through 31 May 1979. (Project 761294 - Continuation)

\$27,900.00 - Arizona Department of Education, Phoenix, Arizona, Consortium to Facilitate the Application of the National Center's Management Information System for Vocational Education (MISVE), National Center for Research in Vocational Education (R. E. Taylor), 1 July 1978 through 30 June 1979. (Project 761440 - New)

\$24,000.00 - Board of Education, City of New York, Brooklyn, New York, New York City School District - Membership in The Alliance for Career and Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 July 1978 through 30 January 1979. (Project 761448 - New)

\$23,500.00 - John McCallum, Worthington, Ohio, Reduction Volatilizations of Carbonaceous Fuels, Department of Chemical Engineering (E. E. Smith), 1 October 1978 through 31 March 1979. (Project 761408 - New)

\$18,188.00 - Department of Education, Commonwealth of Pennsylvania, Harrisburg, Pennsylvania, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 31 August 1979. (Project 761418 - New)

\$18,188.00 - Southern Illinois University, Carbondale, Illinois, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 31 August 1979. (Project 761398 - New)

\$13,650.00 - Research Corporation, New York, New York, A Study of Carbene and Biradical Intersystem Crossing Processes by Laser Flash Photolysis, Department of Chemistry (M. S. Platz), 1 December 1978 through 30 November 1979. (Project 761444 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$12,950.00 - Milwaukee Public Schools, Milwaukee, Wisconsin, Alliance for Career and Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 30 June 1979. (Project 761450 - New)

\$10,067.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Digoxin and Digotoxin, Relative Parasympathomimetic Effects, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 November 1978 through 31 October 1979. (Project 761430 - New)

\$10,000.00 - Boeing Commercial Airplane Company, Seattle, Washington, Boeing Airfoil/Spoiler Exploratory Research, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 20 September 1978 through 30 November 1978. (Project 761369 - New)

\$9,277.50 - Franklin County Health and Retardation (648) Board, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1978 through 31 March 1979. (Project 761367 - Continuation)

\$8,000.00 - Research Corporation, New York, New York, Asymmetric Synthesis via Chiral Auxiliaries in Signatropic Rearrangements, Department of Chemistry (D. J. Hart), 1 November 1978 through 31 October 1979. (Project 761443 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Investigation into the Chemoimmunotherapeutic Value of Exotoxin A from *Pseudomonas Aeruginosa* in the Treatment of Cancer, Department of Microbiology (N. R. Baker), 1 November 1978 through 31 October 1979. (Project 761431 - New)

\$5,794.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Biochemical Basis of Tumor Promotion, Department of Pharmacology (R. H. Fertel), 1 November 1978 through 31 October 1979. (Project 761429 - New)

\$4,000.00 - Bayvet Division, Cutter Laboratories, Inc., Shawnee, Kansas, Xyladrol Study in Dogs, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 15 October 1978 through 14 October 1979. (Project 761452 - New)

\$3,320.00 - Department of Education, San Diego County, California, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 November 1978 through 30 November 1978. (Project 768007 - New)

\$1,315.00 - Association of Automobile Clubs of Ohio (Ohio AAA), Columbus, Ohio, Emergency Driving Skills Workshop, National Center for Research in Vocational Education (R. E. Taylor), 1 October 1978 through 31 October 1979. (Project 761397 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$561.30 - Commonwealth of Pennsylvania, Department of Education, Harrisburg, Pennsylvania, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 November 1978 through 30 November 1978. (Project 768013 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$719,829.80
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THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000.00 or More

\$49,300.00 - Trust Under the Will of Mildred Belt English, Deceased, Baltimore, Maryland, for Parkinson's Disease Research.

\$25,000.00 - Johnson Welded Products, Inc., Urbana, Ohio (given in the name of Lilli Ann Lorenz Johnson): \$10,000.00 for the College of Medicine Progress Fund; \$10,000.00 for the Department of Dance-Chairman's Support Fund; and \$5,000.00 for the Welding Engineering Department Support Fund.

\$25,000.00 - Public Welfare Foundation, Inc., Washington, D. C. (given in the name of Mrs. Claudia Haines Marsh), for the Everett D. Reese Arthritis Research Fund.

\$22,552.00 - Systems Associates, Columbus, Ohio: \$13,465.94 for the Cardiology Support Fund and \$9,086.06 for the Department of Medicine General Fund.

\$20,000.00 - Eli Lilly Company, Indianapolis, Indiana, for the Clinical Pharmacology of Dobutamine-Eli Lilly Company Fund.

\$19,450.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$18,000.00 - Ohio Lions Eye Research Foundation, Columbus, Ohio, for the Institute for Research in Vision.

\$17,625.00 - General Motors Corporation, Warren, Michigan, for the General Motors Corporation Scholarship Fund.

\$12,000.00 - The E. A. R. Foundation, Nashville, Tennessee, for the Meniere's Disease Fund in the College of Medicine.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$10,700.00 - The Yassenoff Foundation, Inc., Columbus, Ohio: \$1,000.00 for the Journalism Director's Special Fund; \$1,000.00 for the College of Administrative Science Fund; \$1,000.00 for the Dean's Discretionary Fund for Biological Sciences; \$1,000.00 for the Humanities Support Fund; \$1,000.00 for the College of Arts Support Fund; \$1,000.00 for the University College Fund; \$1,000.00 for the College of Medicine Progress Fund; \$1,000.00 for the College of Agriculture and Home Economics Dean's Discretionary Fund; \$1,000.00 for the Pharmacy Fund; \$1,000.00 for the College of Engineering Special Fund; \$500.00 for the Physical Medicine Support Fund; and \$200.00 for the Yassenoff Polar Studies Fund.

\$10,000.00 - Ford Motor Company Fund, Dearborn, Michigan: \$5,000.00 for the Corporate Associates Fund; \$3,000.00 for the Affirmative Action Program in Engineering; and \$2,000.00 for the College of Engineering Special Fund.

\$10,000.00 - Joseph R. Smith, West Alexandria, Ohio, for the Ruth E. Smith Memorial Scholarship Fund.

\$8,567.42 - Department of Medicine Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$8,480.00 - Ohio Edison Company, Akron, Ohio, for the Ohio Electric Utility Institute Fellowship Fund.

\$7,500.00 - The General Electric Foundation, Bridgeport, Connecticut, for the Affirmative Action Program in Engineering.

\$7,300.00 - Weirton Steel, Weirton, West Virginia, for the National Steel Fellowship in Metallurgical Engineering.

\$7,000.00 - The Standard Oil Company, Cleveland, Ohio, for the Sohio Fellowship in Chemistry.

\$6,480.00 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for the Center for Economic Education.

\$6,000.00 - Wolfe Associates, Inc., Columbus, Ohio: \$4,000.00 for the Robert F. Wolfe Journalism Medal Fund and \$2,000.00 for the Journalism Director's Special Fund.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000.00 or More (contd)

\$5,500.00 - American Warehousemen's Association, Chicago, Illinois, for the Logistics Research Fund.

\$5,000.00 - American Cyanamid Company, Princeton, New Jersey, for the American Cyanamid University Grant for the Department of Chemistry.

\$5,000.00 - Arnar-Stone Laboratories, Inc., McGraw Park, Illinois, for the Clinical Pharmacology Fund.

\$5,000.00 - Capitol Sales, Inc., Columbus, Ohio (given in the name of Ms. Mary Jane Bright), to be designated at a later date.

\$5,000.00 - Estate of Maxwell M. Scarff, New Carlisle, Ohio, for the Maxwell M. Scarff Fund.

\$5,000.00 - Ross Laboratories, Columbus, Ohio, for the Management Science Faculty Support Fund.

\$5,000.00 - Serb National Federation, Pittsburgh, Pennsylvania, for the Hilandar Research Fund.

\$5,000.00 - Union Carbide Corporation, New York, New York, for the Union Carbide Corporation Fellowship - Welding Engineering.

Gifts-In-Kind

Mr. Patterson Barnes, Willoughby, Ohio, one seven-year old thoroughbred mare, valued at \$12,000.00.

Mr. Eugene Gross, Beachwood, Ohio, one eight-year old thoroughbred mare, valued at \$8,500.00.

Establishment of Named Funds

The Herman E. Wening and Elisabeth F. Wening Memorial Scholarship Fund

The Herman E. Wening and Elisabeth F. Wening Memorial Scholarship Fund was established February 2, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Elisabeth F. Wening of Pompano Beach, Florida, in memory of her husband, Herman E. Wening, Bachelor of Chemical Engineering, 1925.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Herman E. Wening and Elisabeth F. Wening Memorial Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate or graduate students who have demonstrated academic ability and/or need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee. Preference is to be given to students enrolled in the College of Engineering.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for chemical engineering education.

The David Meade Massie Library Endowment

The David Meade Massie Library Endowment was established February 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of David Meade Massie, Chillicothe, Ohio, in the amount of \$17,500.

The above amount is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and to reinvest as occasion dictates.

The annual income is to be used exclusively for the purchase of books for The Ohio State University Library.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate Library administrative official of the University.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Alumnae Club of The Ohio State University Scholarship Fund

The Alumnae Club of The Ohio State University Scholarship Fund was established February 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Alumnae Club of The Ohio State University.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for upper-class female students who have demonstrated academic potential and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

OFFICE OF BUSINESS AND ADMINISTRATION

Industrial, Private and Other Non-Federal Contracts/Grants

\$50,000.00 - Franklin County Board of Education, Columbus, Ohio, for in-service education focusing on nutrition education for teachers (K-6, secondary home economics, science and health), school librarians, guidance counselors and food service managers in all public schools within area defined by and in accordance with Ohio Department of Education approved project, College of Education, January 1, 1979 through September 30, 1979.

\$3,608.22 - Wright State University - Western Ohio Branch Campus, Celina, Ohio, for special services in the areas of farm accounting and principles of farm management, College of Agriculture and Home Economics - Administration, Autumn Quarter, 1978.

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL CONTRACTS/GRANTS	\$53,608.22
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February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,275,000.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Eighteen Month Work Plan for a Long-Range Plan for Research and Development, National Center for Research in Vocational Education (R. E. Taylor), 1 June 1978 through 30 November 1979. (Project 761151 - Continuation)

\$526,263.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, Department of Medicine (H. G. Cramblett and W. B. Malarkey), 1 December 1978 through 30 November 1979. (Project 761196 - Continuation)

\$190,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Jam Resistant Communications Systems Techniques, ElectroScience Laboratory, Department of Electrical Engineering (A. A. Ksienski and W. D. Burnside), 4 December 1978 through 30 September 1979. (Project 761461 - New)

\$78,111.00 - Department of Justice, National Institute of Corrections, Washington, D. C., Training Correctional Agency Trainers, National Center for Research in Vocational Education (R. E. Taylor), 18 August 1978 through 17 August 1979. (Project 761286 - Continuation)

\$75,000.00 - Department of the Air Force, Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, TVCM Effects, ElectroScience Laboratory, Department of Electrical Engineering (J. Meadors), 1 October 1978 through 30 September 1979. (Project 761086 - Continuation)

\$66,800.00 - Department of the Air Force, Electronic Systems Division, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, The Study of Factors Affecting the Precise Estimation of the Earth's Gravity Field, Department of Geodetic Science (R. H. Rapp), 1 December 1978 through 30 September 1979. (Project 761451 - New)

\$65,000.00 - Department of the Interior, Office of Water Research and Technology, Washington, D. C., Removal of Heavy Metals from Reuse Waters with Synthetic Polymer Adsorbents, Department of Civil Engineering (A. J. Rubin and O. J. Sproul), 1 October 1978 through 30 September 1981. (Project 761410 - New)

\$64,210.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., *In Vitro* Chemical Carcinogenesis and Co-Carcinogenesis in Human Cells Initiated by Hydrazine and Polynuclear Components of Jet Fuel, Department of Veterinary Pathobiology (G. E. Milo and J. R. Blakeslee), 1 July 1978 through 30 June 1979. (Project 760702 - Continuation)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$63,841.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathogenesis of Experimental Atherosclerosis, Department of Physiological Chemistry (D. G. Cornwell), 1 December 1978 through 30 November 1979. (Project 762525 - Continuation)

\$62,558.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Antivascular Endothelial Antibody, Department of Surgery (J. Cerilli), 1 January 1979 through 31 December 1979. (Project 763857 - Continuation)

\$61,171.00 - Department of the Navy, Naval Regional Procurement Office, Long Beach, California, Asymptotic High Frequency Techniques, ElectroScience Laboratory, Department of Electrical Engineering (C. H. Walter), 1 August 1978 through 31 July 1979. (Project 760473 - Continuation)

\$55,913.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Organization of Social Information, Department of Psychology (T. M. Ostrom), 1 October 1978 through 30 September 1979. (Project 761438 - New)

\$46,599.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Research in Persuasive Communication, Department of Psychology (A. G. Greenwald), 1 December 1978 through 30 November 1979. (Project 761467 - New)

\$46,578.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, Rockville, Maryland, Drug Abuse/Alcoholism Career Teacher Training, Department of Preventive Medicine (M. D. Keller), 1 January 1979 through 31 December 1979. (Project 761482 - New)

\$46,313.00 - Environmental Protection Agency, Washington, D. C., Ohio River Basin Energy Study - Phase II, Department of City and Regional Planning (S. I. Gordon), 1 November 1978 through 31 October 1979. (Project 760941 - Continuation)

\$43,104.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 January 1979 through 31 December 1979. (Project 760578 - Continuation)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$40,073.00 - Environmental Protection Agency, Washington, D. C., ORBES (Ohio River Basin Energy Study) Phase II Core Team Representation and Participation, Department of Mechanical Engineering (R. E. Bailey), 1 November 1978 through 31 October 1979. (Project 760981 - Continuation)

\$40,000.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Extending the Geometrical Theory of Diffraction Using the Moment Method, ElectroScience Laboratory, Department of Electrical Engineering (G. A. Thiele), 1 October 1978 through 30 September 1979. (Project 761245 - Continuation)

\$39,973.00 - Department of the Air Force, 2750th Air Base Wing/PMA, Specialized Procurement Branch, Wright-Patterson Air Force Base, Ohio, Evaluation and Upgrading of the Antenna Calibration, ElectroScience Laboratory, Department of Electrical Engineering (R. Caldecott), 5 December 1978 through 4 December 1979. (Project 761384 - Continuation)

\$39,007.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 January 1979 through 31 December 1979. (Project 760160 - Continuation)

\$38,500.00 - National Science Foundation, Washington, D. C., Mediated Electron Transfers and Derivatized Electrode Surfaces, Department of Chemistry (T. Kuwana), 1 March 1979 through 28 February 1980. (Project 760646 - Continuation)

\$37,070.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Physical Therapy - Teacher Preparation (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1979 through 31 December 1979. (Project 761472 - Continuation)

\$35,501.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Nitroglycerin Tolerance, College of Pharmacy (T. D. Sokoloski), 1 December 1978 through 30 November 1979. (Project 761464 - New)

\$32,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Conduction Heat Transfer Analysis in Composite Materials, Department of Mechanical Engineering (L. S. Han), 1 March 1979 through 31 October 1979. (Project 761108 - Continuation)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,800.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on the Kinetics of Phase Changes on Solids, Department of Metallurgical Engineering (J. P. Hirth), 15 December 1978 through 14 December 1979. (Project 760222 - Continuation)

\$31,467.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Effects of Processing and Storage on Human Milk, Department of Food Science and Nutrition (P. M. T. Hansen), 1 January 1979 through 31 December 1979. (Project 761475 - New)

\$29,567.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, *In Vitro* Oxidation of Psychoactive Drugs, Department of Chemistry (R. L. McCreery), 1 December 1978 through 30 November 1979. (Project 711687 - Continuation)

\$27,440.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Associated Health Professions, Hyattsville, Maryland, Medical Dietetics - Administration (M.S.), School of Allied Medical Professions (D. C. Broski), 1 January 1979 through 31 December 1979. (Project 761473 - Continuation)

\$26,505.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, An Investigation into Pilot and System Response to Critical In-Flight Events, Department of Industrial and Systems Engineering (W. C. Giffin), 27 October 1978 through 31 January 1979. (Project 761415 - New)

\$25,267.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Attention and Preparation in Rapid Performance, Department of Psychology (A. G. Greenwald), 1 December 1978 through 30 November 1979. (Project 761466 - New)

\$23,636.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Hemoglobin Iron Metabolism by Human Macrophages, Department of Medicine (J. J. Rinehart), 1 December 1978 through 30 November 1979. (Project 761483 - New)

\$21,402.00 - Department of Health, Education and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Traineeships in Speech Pathology and Audiology, Department of Communication (E. J. Hardick), 1 September 1978 through 31 August 1979. (Project 760885 - Continuation)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$18,264.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, A New Approach to a Generalized Behrens-Fisher Problem, Department of Statistics (M. A. Fligner), 1 December 1978 through 30 November 1979. (Project 761456 - New)

\$17,396.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Energetics of Calcium Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 January 1979 through 31 December 1979. (Project 760993 - Continuation)

\$16,574.00 - Department of Health, Education and Welfare, Office of Human Development, Rehabilitation Services Administration, Washington, D. C., Teaching Grant in Occupational Therapy, School of Allied Medical Professions (H. K. Grant), 1 September 1978 through 31 August 1979. (Project 760839 - Continuation)

\$8,687.00 - Department of Health, Education and Welfare, Office of Human Development, Office of Rehabilitation Services, Region V, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy, School of Allied Medical Professions (F. M. Pierson), 1 September 1978 through 31 August 1979. (Project 760804 - Continuation)

\$6,900.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Bethesda, Maryland, National Research Service, Institutional Award, Academic Faculty of Special Services (H. J. Peters) and School of Nursing (C. W. Kennedy), 1 December 1978 through 30 November 1979. (Project 760957 - Continuation)

\$5,000.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, Continuing Study of Impact of Inductive or Capacitive Reactance Loading on Circular Cylinders, ElectroScience Laboratory, Department of Electrical Engineering (P. H. Pathak), 1 October 1978 through 5 January 1979. (Project 760593 - Continuation)

\$2,000.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., LODED Airfoil and Wing Analysis, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 28 September 1978 through 15 December 1978. (Project 761377 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$3,360,490.00

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contract/Grant

\$40,000.00 - Ohio Department of Education, Worthington, Ohio, The Ohio Deans' Project--A Comprehensive Personnel Preparation Development Plan in Special Education, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1978 through 31 May 1979. (Project 761457 - New)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$151,644.00 - American Cancer Society, Inc., New York, New York, Immunoregulatory Properties of Human Gangliosides, Department of Medicine (R. L. Whisler), 1 January 1979 through 31 December 1980. (Project 761465 - New)

\$41,509.00 - The Procter and Gamble Company, Cincinnati, Ohio, Scope Efficacy Trials, Department of Oral Biology (S. Rosen), 1 January 1979 through 31 December 1979. (Project 761481 - New)

\$32,400.00 - University of Cincinnati, Cincinnati, Ohio, Planning of an Area Health Education Center Program, College of Medicine--Administration (M. Tzagournis, G. L. Trzebiatowski and M. V. Brown), 1 November 1978 through 30 September 1979. (Project 761458 - New)

\$30,326.00 - American Cancer Society, Inc., New York, New York, Prolactin Receptor Concentrations in Breast Cancer, Department of Medicine (W. Malarkey), 1 January 1979 through 31 December 1979. (Project 760987 - Continuation)

\$22,176.00 - Southeastern Center for Electrical Engineering Education, Operations Office, South Orlando Resident Center, Florida Technological University, Orlando, Florida, Formal Analytical Structure for Manned Systems Technology, Department of Industrial and Systems Engineering (R. A. Miller), 1 October 1978 through 31 December 1979. (Project 761442 - New)

\$18,188.00 - Division of Occupational Education, State Education Department, Albany, New York, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 31 August 1979. (Project 761424 - New)

\$10,000.00 - The Deafness Research Foundation, New York, New York, X-Ray Microanalysis of Inner Ear Fluids, Department of Otolaryngology (D. J. Lim), 1 January 1979 through 31 December 1979. (Project 711714 - New)

\$10,000.00 - The Deafness Research Foundation, New York, New York, Experimental Otitis Media, Department of Otolaryngology (D. M. Lewis and D. J. Lim), 1 January 1979 through 31 December 1979. (Project 711713 - Continuation)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$9,070.00 - Southeastern Center for Electrical Engineering Education, Operations Office, South Orlando Resident Center, Florida Technological University, Orlando, Florida, Transient Capacitance Measurements on Selected Silicon and Gallium Arsenide Solar Cells, Department of Physics (L. C. Brown), 1 June 1977 through 31 December 1979. (Project 760734 - Continuation)

\$6,597.00 - Department of Community Services, Columbus, Ohio, Tutoring Developmentally Disabled Adults, School of Social Work (R. O. Washington and B. Cantrell), 3 October 1978 through 3 October 1979. (Project 761414 - New)

\$6,515.00 - American Horse Shows Association, Inc., New York, New York, Systematic Investigation of the Cardiopulmonary and Central Nervous System Effects on Propoxyphene, Department of Veterinary Physiology and Pharmacology (W. W. Muir), 1 November 1978 through 31 October 1979. (Project 761479 - New)

\$6,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, Mechanisms of Impaired Immunologic Reactions in Lymphoma, Department of Medicine (R. W. Whisler), 1 November 1978 through 31 October 1979. (Project 761462 - New)

\$5,212.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 1 July 1978 through 31 December 1978. (Project 761460 - New)

\$5,000.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Support of Research Involving Immunological Methods of Fertility Regulation, Department of Obstetrics and Gynecology (V. C. Stevens), 1 January 1979 through 31 December 1979. (Project 760195 - Continuation)

\$4,800.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1978 through 30 June 1979. (Project 760113 - Continuation)

\$3,650.00 - University of Missouri, Columbia, Missouri, Study of Gas Solid Airflow Over a Flat Plate, Department of Chemical Engineering (J. L. Zakin), 1 October 1978 through 30 September 1979. (Project 760974 - Continuation)

\$3,000.00 - Foxjet International, Minneapolis, Minnesota, Three-Dimensional Wing Analysis and Other Studies, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 1 October 1978 through 31 December 1978. (Project 761463 - New)

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$1,050.00 - Rachelwood Wildlife Research Preserve, Pittsburgh, Pennsylvania, The Effect of Supplemental Food on Gray Squirrel Distribution, Density, Movements and Reproductive Performance, Department of Zoology (J. D. Harder), 1 January 1979 through 30 June 1979. (Project 760359 - Continuation)

\$1,000.00 - World Health Organization, Geneva, Switzerland, Studies on Immunization Against Echinococcus Granulosus, Department of Veterinary Pathobiology (R. P. Herd), 1 January 1979 through 31 December 1979. (Project 760738 - Continuation)

\$1,000.00 - Paint Research Institute, Philadelphia, Pennsylvania, Paint Mildew Ecology, Department of Botany (J. A. Schmitt), 1 January 1979 through 1 October 1979. (Project 760070 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER-NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$369,137.00
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ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$42,780.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Stability of Slopes in Shale and Colluvium, Department of Civil Engineering, December 16, 1978 through December 15, 1979. (EES 576 - Phase 2)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Sidney Licht Annual Lecture Series in Physical Medicine and Rehabilitation

The Sidney Licht Annual Lecture Series in Physical Medicine and Rehabilitation was established February 2, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Elizabeth S. Licht, New Haven, Connecticut, in honor of her husband, Sidney Licht, M.D.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used annually to defray the expenses of travel and honorarium for a Sidney Licht Lecturer in the field of physical medicine and rehabilitation. The selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Physical Medicine in cooperation with the Dean of the College of Medicine.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Sidney Licht Annual Lecture Series in Physical Medicine and Rehabilitation (contd)

Should the need for this lecture series cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for physical medicine and rehabilitation.

The Howard Francis Seely Memorial Scholarship Fund

The Howard Francis Seely Memorial Scholarship Fund was established February 2, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Enid H. Seely of Dunedin, Florida.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with right to invest and reinvest as occasion dictates.

The income shall provide annual scholarship assistance for competent, deserving and probably, but not necessarily, needy students in secondary education with an English major. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee in cooperation with the Dean of the College of Education.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for secondary education.

The Woody and Anne Hayes Scholarship Fund

The Woody and Anne Hayes Scholarship Fund was established February 2, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in honor of W. W. (Woody) Hayes, M.A.'48, and Anne Hayes, in recognition of 28 years of dedicated service to the University.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Woody and Anne Hayes Scholarship Fund (contd)

The annual income is to be used to provide financial assistance for one or more varsity athletes who wish to continue their studies in graduate or professional schools at The Ohio State University. Students selected to receive this award should have demonstrated personal qualities of leadership and academic potential. Financial need may or may not be a consideration. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aid.

The Robert Bartels Scholarship for International Business Studies

The Robert Bartels Scholarship for International Business Studies was established February 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Robert Bartels, B.S.Bus.Adm. (with Honors and High Distinction in Marketing) '35, Ph.D. '41, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate seniors majoring in international business who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Scholarship Committee and the Dean of the College of Administrative Science with the concurrence of Robert Bartels if he is living and available. The purpose of the endowment may be changed at some future date by Robert Bartels, with the approval of the Dean of the College of Administrative Science.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for international business education.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Charles B. Huelsman, Jr., Memorial Fellowship Fund

The Charles B. Huelsman, Jr. Memorial Fellowship Fund was established February 2, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family, friends and associates of the late Dr. Charles B. Huelsman, Jr.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide financial assistance to a graduate student interested in the study of the exceptional child. The selection of the recipient is to be made upon the recommendation of the Chairperson, Academic Faculty for Exceptional Children, in cooperation with the Dean of the College of Education.

Should the need for this graduate fellowship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the study of the exceptional child.

The John Arthur and Theodore H. Harley Family Scholarship Fund

The John Arthur and Theodore H. Harley Family Scholarship Fund was established February 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Theodore H. Harley, B.Cer.E. '43, of Pittsburgh, Pennsylvania.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The scholarship monies are to be awarded exclusively to graduates of Grove City, Ohio, High School who either as freshmen or upperclassmen express a genuine interest in and actively pursue the University's requirements to obtain a Ceramic Engineering degree while enrolled at The Ohio State University. If no grant to an engineering student is made in any consecutive five (5) year period, the scholarship funds can be given to a student(s) from said High School who is enrolled in the College of Agriculture and Home Economics.

February 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The John Arthur and Theodore H. Harley Family Scholarship Fund (contd)

If no award is made within a period of ten (10) consecutive years, 65 per cent of the gain available from investment of the principal endowment is to be given to The Ohio State University through The Ohio State University Development Fund, for unrestricted use by the President of the University.

Twenty per cent of all earned income on the principal shall be retained and added to the principal endowment each year. The endowment can receive money from any source. Such additions will be added to the principal, none of which can be used for making awards and/or grants. It is intended that this endowment shall increase in value and be self-perpetuating.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University.

The Garrison Fund for Womens' Programs in Continuing Education

The Garrison Fund for Womens' Programs in Continuing Education was established February 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mr. and Mrs. Robert R. Garrison of Columbus, Ohio.

This gift is to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal is to be used to provide support for the general activities of the Office of Womens' Programs in the Division of Continuing Education. The Coordinator of the Office of Womens' Programs may initiate disbursement requests using the monies available for fee waivers for mature students, promotional materials, group counseling activities and any other program needs authorized by and under the supervision of the Office of Womens' Programs. All such disbursements shall be made under the pertinent policies promulgated by the Division of Continuing Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Womens' Programs in Continuing Education.

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February 2, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 79-89

Synopsis: Plans and specifications have been completed for one project and are recommended for approval.

WHEREAS at the request of the Acting Vice President for Business and Administration the plans and specifications, bills of materials and estimate of cost for the following project are presented for approval:

PARKING LOT RENOVATION (Stadium Area)

Project: Repair and resurface the parking lots east of the Ohio Stadium, including Tuttle Park Place and the parking lot northwest of the Ohio Stadium at the southwest corner of the intersection of Cannon and Stadium Drives.

Funding: Department 5092, Budget Account 885071 (Parking Revenue) \$260,700 and
Department 5054, Budget Account 210134 (Contract Repair) \$28,000

Estimated Project Cost: \$288,700

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to sign the plans and specifications for this project, and if satisfactory bids are received, to recommend the award of the necessary contracts in accordance with the established University procedure, and that this action be reported at a later meeting.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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February 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 79-90

Synopsis: Contracts have been awarded for four projects to the lowest and best bidders in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Acting Vice President for Business and Administration to request bids and recommend awards, in accordance with the established University procedures for the following projects:

UNIVERSITY HOSPITAL RENOVATION - PHASE I

Description: The first phase of this project will provide production kitchen facilities for the centralized preparation of foods to include meals for patients and the Hospital Cafeteria. A chilled food system will be instituted upon completion of the project.

General Contract

Date Received:	December 14, 1978
No. of Bids:	7
Low Bid:	\$186,111.00* **
High Bid:	\$319,800.00
Estimate of Cost:	\$217,500.00
Awarded to:	The Gardner Company (Columbus, Ohio)

Food Service Equipment Contract

Date Received:	December 14, 1978
No. of Bids:	2
Low Bid:	\$209,875.00*
High Bid:	\$227,373.00
Estimate of Cost:	\$216,000.00
Awarded to:	Louis R. Polster Company (Columbus, Ohio)

*Recommended alternates reflected in these figures.

**Contract awarded to second lowest bidder. Low bidder, Henry A. Justus, Inc., withdrew his bid as permitted by Section 9.31 of the Revised Code due to a clerical error.

February 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)
UNIVERSITY HOSPITAL RENOVATION - PHASE I (contd)**

Plumbing Contract

Date Received:	December 14, 1978
No. of Bids:	7
Low Bid:	\$ 49,500.00* **
High Bid:	\$ 88,679.00
Estimate of Cost:	\$ 35,300.00
Awarded to:	Farber Corporation (Columbus, Ohio)

Fire Protection Contract

Date Received:	December 14, 1978
No. of Bids:	3
Low Bid:	\$ 5,438.00
High Bid:	\$ 7,503.00
Estimate of Cost:	\$ 8,500.00
Awarded to:	Capital Fire Protection Company (Columbus, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date Received:	December 14, 1978
No. of Bids:	5
Low Bid:	\$146,900.00* **
High Bid:	\$222,120.00
Estimate of Cost:	\$120,300.00
Awarded to:	Montoney's Heating and Piping Company (Grove City, Ohio)

* Recommended alternates reflected in these figures.

**Plumbing, Heating, Ventilating and Air Conditioning, and Electrical Contracts are in excess of the filed estimates of cost; however, the total cost of all contracts is within 10 per cent of the total estimate of cost, and are therefore being recommended for award as provided by Section 153.12 of the Revised Code.

February 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

UNIVERSITY HOSPITAL RENOVATION - PHASE I (contd)

Electrical Contract

Date Received:	December 14, 1978
No. of Bids:	4
Low Bid:	\$ 68,732.00* **
High Bid:	\$ 78,500.00
Estimate of Cost:	\$ 48,700.00
Awarded to:	The Electric Power Equipment Co. (Columbus, Ohio)
Total All Contracts:	\$666,556.00
Total Contingency Allowance:	\$ 32,137.57 which is 5 per cent of construction costs
Total Project Cost:	\$775,000.00
Funding:	Am. Sub. H.B. 618, Item 315-118, University Hospital Renovation

*Recommended alternates reflected in these figures.

**Plumbing, Heating, Ventilating and Air Conditioning, and Electrical Contracts are in excess of the filed estimates of cost; however, the total cost of all contracts is within 10 per cent of the total estimate of cost, and are therefore recommended for award as provided by Section 153.12 of the Revised Code.

February 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

ENERGY MODIFICATIONS TO BUILDINGS (PROJECT II)

Description: This project involves installation of electrically driven water chillers in Graves Hall and Baker Systems Engineering Building to combine with existing steam-power absorption chiller machines to permit selection of the most economical energy source.

Mechanical Contract

Date Received:	December 15, 1978
No. of Bids:	7
Low Bid:	\$332,800.00*
High Bid:	\$394,770.00
Estimate of Cost:	\$418,135.00
Awarded to:	Limbach Company (Columbus, Ohio)

Electrical Contract

Date Received:	December 15, 1978
No. of Bids:	6
Low Bid:	\$ 74,290.00*
High Bid:	\$100,081.00
Estimate of Cost:	\$126,080.00
Awarded to:	Jess Howard Electric Co. (Blacklick, Ohio)

Total All Contracts: \$407,090.00

Total Contingency Allowance: \$ 30,278.07 which is 7 per cent of construction costs

Total Project Cost: \$480,000.00

Funding: H.B. 618 (Utilities and Renovation 1977-79 Biennium)

*Recommended alternates reflected in these figures.

February 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

STARLING-LOVING HALL IMPROVEMENTS - PHASE II

Description: Continuation of the renovation of the space for the College of Optometry. These improvements will be accomplished in the north section of A-Wing, first and second floors. The first phase of the work was completed in 1976.

General Contract

Date Received:	January 10, 1979
No. of Bids:	12
Low Bid:	\$ 54,900.00
High Bid:	\$ 88,800.00
Estimate of Cost:	\$ 71,000.00
Awarded to:	M & P Construction Co. (Columbus, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date Received:	January 10, 1979
No. of Bids:	4
Low Bid:	\$ 51,800.00*
High Bid:	\$ 57,650.00
Estimate of Cost:	\$ 32,000.00
Awarded to:	Montoney's Heating & Plumbing (Grove City, Ohio)

*Heating, Ventilating and Air Conditioning Contract is in excess of the filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

February 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

STARLING-LOVING HALL IMPROVEMENTS - PHASE II (contd)

Plumbing Contract

Date Received:	January 10, 1979
No. of Bids:	6
Low Bid:	\$ 12,450.00
High Bid:	\$ 17,790.00
Estimate of Cost:	\$ 13,000.00
Awarded to:	J. A. Croson Plumbing & Heating (Columbus, Ohio)

Electrical Contract

Date Received:	January 10, 1979
No. of Bids:	9
Low Bid:	\$ 9,900.00
High Bid:	\$ 23,743.00
Estimate of Cost:	\$ 14,000.00
Awarded to:	Meisner Electric, Inc. (Newton, Iowa)

TOTAL ALL CONTRACTS: \$129,050.00

Total Contingency Allowance: \$ 12,813.94 which is 10 per cent of construction contracts

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

February 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

BARNEBEY CENTER IMPROVEMENTS

Description: Improvements will correct deficiencies and deteriorated condition of the facility.

General Contract

Date Received:	November 7, 1978
No. of Bids:	5
Low Bid:	\$ 16,800.00**
High Bid:	\$ 32,600.00
Estimate of Cost:	\$ 13,920.00
Awarded to:	Prater Construction Corporation (Columbus, Ohio)

Plumbing Contract

Date Received:	November 7, 1978
No. of Bids:	2
Low Bid:	\$ 12,940.00* **
High Bid:	\$ 43,062.20
Estimate of Cost:	\$ 10,460.00
Awarded to:	J. R. Mason, Inc. (Dublin, Ohio)

Waste Water Treatment Plant Contract

Date Received:	November 7, 1978
No. of Bids:	3
Low Bid:	\$ 32,850.00
High Bid:	\$ 33,780.00
Estimate of Cost:	\$ 35,000.00
Awarded to:	J. R. Mason, Inc. (Dublin, Ohio)

*Recommended alternates reflected in these figures.

**Although these bids were in excess of the estimates of cost, it is believed that better bids would not be received if these contracts were rebid.

February 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

BARNEBEY CENTER IMPROVEMENTS (contd)

Heating and Ventilating Contract

Date Received:	December 7, 1978
No. of Bids:	1
Low Bid:	\$ 16,400.00**
Estimate of Cost:	\$ 11,010.00
Awarded to:	Morris Sheet Metal, Inc. (Columbus, Ohio)

Electrical Contract

Date Received:	November 7, 1978
No. of Bids:	2
Low Bid:	\$ 6,415.00
High Bid:	\$ 8,477.00
Estimate of Cost:	\$ 6,695.00
Awarded to:	Claypool Electric, Inc. (Lancaster, Ohio)

Total All Contracts: \$ 85,405.00

Total Contingency Allowance: \$ 4,024.15 which is 5 per cent of construction costs

Total Project Cost: \$109,600.00

Funding: \$99,600 - H.B. 810, Item 315-074 (Utilities and Renovation, 1977-79 Biennium Reappropriation), and \$10,000 - Budget Account No. 533136 (School of Natural Resources)

**Although these bids were in excess of the estimates of cost, it is believed that better bids would not be received if these contracts were rebid.

February 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

NOW THEREFORE

BE IT RESOLVED, That pursuant to previous actions of the Board, construction projects were bid, contracts were recommended for award, establishment of contingency funds and expenditure of project funds are hereby reported.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

EASEMENT- CITY OF COLUMBUS

Resolution No. 79-91

Synopsis: Waterline easement for the City of Columbus is requested.

WHEREAS the City of Columbus on December 4, 1978, under Ordinance No. 2388-78, authorized the vacation of Michigan Avenue, West Ninth Avenue and alley south of West Ninth Avenue, subject to retention of easements for various utilities, for the purpose of rerouting traffic in the vicinity of the Ninth Avenue Parking Ramp; and

WHEREAS the University will construct a relief alley along West Eighth Avenue; and

WHEREAS the City of Columbus has requested a waterline easement along said relief alley; and

WHEREAS the appropriate University agencies have recommended that said easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties to act for and on behalf of the University to process the necessary instruments to provide for said easement.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT

President Enarson:

Mr. Chairman and members of the Board, under the general category of President's Report, I have three items which I should like to discuss with you in the next few moments.

Veterans Administration Clinic

President Enarson:

The first item is the matter of the construction of a Veterans Administration Clinic on University property. This was announced publicly some days ago for reasons I am sure you are all familiar with. That is, it is customary for the appropriate congressman from the district to announce this and I think in this instance, it was uniquely appropriate because I want to say publicly that the University received a great deal of extremely important help throughout this entire transaction. What we've done in order to conserve your time is provide you with a memorandum which is being distributed now--a memorandum from me to you as individual members of the Board--which recites the history of this effort. I think that this is a fine addition to the health science medical care resources of the University, and I would like to have Dr. Cramblett speak to that point. I think in this written document the Board members will be reminded of the exact arrangements and your authorization to the Administration to enter into this, but I think it would be useful, Dr. Cramblett, for you to sketch what you see as the advantage of this facility to our University.

Dr. Cramblett:

Thank you, Mr. President, Mr. Chairman and members of the Board. I am very pleased that we have successfully culminated, with this action, the plans to build an independently standing VA Clinic on the West Campus. One of the items that came to our attention in 1973, as far as the medical center and health sciences are concerned was that we were lacking here at Ohio State, in comparison to other outstanding centers throughout the country, an affiliation with a VA hospital. There are approximately 67 VA hospitals in affiliation, associated geographically within medical centers in this country, and by and large, most of those medical schools and medical centers are the ones that are outstanding. We knew, at that time, that there was little possibility of ever having a VA hospital in Columbus. We were not sure why in the past this decision had not been made, but what we saw was a new effort on the part of the VA, and that was to build ambulatory clinics affiliated with university medical centers. Now the advantage to us, of course, is that it gives us additional access for our students--not only in medicine but in nursing and allied medical professions, pharmacy, optometry and dentistry--to additional patient care programs. From the standpoint of the VA,

February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

Veterans Administration Clinic (contd)

Dr. Cramblett: (contd)

it's clear from their experience that patient care is enhanced if they have a close affiliation with a university medical center. From the standpoint of staffing, the VA presently is authorized the equivalent of twelve full-time faculty physicians who will have joint appointments between the University and the VA Clinic. They have 75 supportive staff presently, but in the new facility, will expand to 125 supporting staff. They're serving a patient population of 32 counties. They are presently having approximately 30,000 outpatient visits per year. This will be expanded to approximately 50,000 patient visits by the time this facility is available to them. In addition to the sharing, in terms of educational programs and patient care programs, the University Hospitals will be able to share some of their equipment with the VA; the VA will be able to share some of their equipment and technology with us. So this will not only enhance their programs, but it will also enhance our own patient care programs. We think that this is a significant development, and I'm personally pleased that it's come to a successful completion at this point.

President Enarson: Thank you Dr. Cramblett. The second item that I--

Mr. Galbreath: Excuse me. Is Kenny and Carmack on the West Campus?

President Enarson: At this time, I think we anticipated you by having this up here.

Mr. Smith: Carmack is the road which runs across Stadium Drive to the West Campus.

President Enarson: Right.

Mr. Smith: Kenny is here and the site is in this area here.

Mr. Galbreath: Then the obvious question--

Dr. Sirak: It's behind the Veterinary Clinic, isn't it?

Mr. Smith:

Well, it's across Route 315 and the C&O, the Veterinary Clinic, but it is west of the Veterinary Clinic. The Veterinary Clinic is this building here.

Mr. Galbreath: Yes.

Mr. Smith: With 315 and the C&O here.

Mr. Galbreath: The obvious question is, why isn't it closer to University Hospital?

February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

Veterans Administration Clinic (contd)

President Enarson:

This is not an issue that we've taken lightly, it's a tough one and it's kind of a classic instance, classic problem in site location, because you have competing considerations. On the face of it, it would seem natural, logical, inevitable to put something immediately adjacent to the Hospitals. The same issue confronts us on the next topic, which I am going to ask Bill Vandament to speak to in a moment, and that's the Rehabilitation Center. The problem is that to the extent that you put anything over there next to the Hospital that requires any substantial land mass, you move directly in on the student playing field, and that's not a thing that I would do lightly.

Mr. Galbreath:

In other words, the answer is the amount of space was not available near the University Hospital.

President Enarson:

In our best judgment, all things considered, considerations of convenience of the VA, the veteran coming in, traffic, transportation, routing, and availability of space, the access of utilities, all argued for this; but, believe me, it's taken a lot of argument and a lot of pain and anguish.

Rehabilitation Center

President Enarson:

The second item, and your question leads very nicely and naturally into this, is the matter of where we stand on discussions with the Industrial Commission on the possible location on this campus of a Rehabilitation Center, and this is brought to you simply as an information item this afternoon to remind you that (a) it's been before the Board before, and (b) we hope that it will be before you again for some kind of formal action. Bill--

Dr. Vandament:

Thank you. Yes, we are undergoing now one of those painful and painstaking analyses of a siting problem for another facility--the disability prevention center that is planned to be constructed by the Ohio Industrial Commission. With the Veterans' Administration Clinic, we did, Mr. Galbreath, also want to insure in siting the clinic that we were siting it in a location that allowed for future expansion in the event that a full-scale VA hospital was to be constructed as well. You may recall that I reported to you in October about this matter. On January 16,

February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

Rehabilitation Center (contd)

Dr. Vandament: (contd)

1978, Governor Rhodes announced that he had instructed the Industrial Commission and the Bureau of Workers' Compensation to begin work immediately on two centers to rehabilitate injured workers; one of those centers to be located in the vicinity of The Ohio State University and one in Cleveland. The University representatives began meeting with representatives from the Industrial Commission in April, and then in October of 1978, representatives of the University were provided with copies of a program of requirements that had been drawn up by the Industrial Commission. The University staff presently is studying possible program cooperation areas and alternative sites for that facility as well. We know at this point that it will be possible with the development of the center for there to be considerable cooperation in several administrative services areas--for example, in laundry and in a variety of other support services--and we are attempting to define more clearly the types of program linkages that we would have to the center. The Office of Medical Affairs, Business and Administration, and Budget and Resources Planning are all working with Industrial Commission persons in this effort. An architect has been engaged by the Industrial Commission to develop plans for the building. I might give you a little information about it. It is envisioned to be a building of approximately 172,000 square feet--so it is no small undertaking--with the construction cost of \$11.2 million with the funds to be provided here by the Industrial Commission. It is envisioned that the center, which would be operated by a Division of Rehabilitation to be established within the Industrial Commission, would take care of approximately 548 patient visits per day. The Commission is presently thinking of phasing the project, starting first with outpatient services, and then eventually expanding to include some dormitory capabilities to house about 200 students. The staff when fully developed should number about 270 health professionals. We hope to have a recommendation to bring to the Board of Trustees at its March meeting concerning the siting of this building and calling for authorizing the construction of this facility then on University property.

President Enarson: Thank you.

Expression of Gratitude to Dr. Kuhn

President Enarson:

The third item is the matter of Dr. Kuhn's announced resignation as Provost effective June 30, and the steps I propose to take in searching for a successor. Members of the Board, Mr. Chairman, I propose to simply speak from the heart. It's been a great privilege as President to have Al Kuhn as Provost and Vice President for Academic Affairs of this University. It is literally impossible to

February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

Expression of Gratitude to Dr. Kuhn (contd)

President Enarson: (contd)

exaggerate both the difficulty and the importance of this job. The President's role is difficult at best; it becomes virtually intolerable unless one has somebody in whom one has complete confidence--confidence in that person's judgment, that person's essential humaneness, that person's toughness of mind, that person's sense of academic values. And this University has been graced by the presence of a truly outstanding academic administrator in Al Kuhn. I've watched him at close range now in these years, and he brings to every problem an abiding sense of fairness, sensitivity to the needs of human beings, and also an acute awareness of what's necessary in terms of the best interests of the University. And Al, you're going to be greatly missed.

We're not going to lose him fully, because he's--we're not going to lose him at all! He's reverting to his own true nature and his own true role as a teacher, and since on May 24--he doesn't know this yet--since on May 24, I become eligible under Program 60, I intend to sit in as an elder senior citizen in your class and for sheer torture I can't imagine anything worse than that on your part.

The search for a successor is already under way. We are advertising in the national publications, making announcements indicating that the position is open and that we welcome applications from competent candidates. And to state the obvious, we will be looking nationwide, we will also be looking inside the University. At this moment, there are no individuals who in any way have the inside track, either, in my thinking on this. I propose in this search to follow the same procedure which my predecessor Dr. Novice Fawcett did in finding and recruiting Dr. Kuhn. We do have, as the Board is well aware, the Steering Committee of the University Senate, which is a liaison group to this Board, among its many other duties. Incidentally, I'm neglectful in that I have not yet introduced the chairman of that board, Dr. Lou DiOrio. Would you stand up, Lou, so that everybody can see you. I met with the Steering Committee for several hours, I guess it was a week or so ago, we reviewed a number of matters, and I told the Steering Committee at that time that they were a logical group, for me as President, to look to as we move in and through this search process. I think of that group as being advisory to me and in a very real sense, ultimately to the Board. As we come down to the delicate and all-important process of reviewing the credentials of our top--our candidates--can a University as big and complex as ours . . . ? It's very difficult to organize a search process which permits everyone to have their input. But I want to assure the deans, in the presence of at least one dean here, Roy Kottman, that the various deans will have an opportunity to meet any candidate who comes in and we'll try, to the extent humanly possible, to have the candidate or candidates talk with at least a representative sample of the faculty. But I will--to circle back--I will look to a great degree to the Steering Committee for its advice and counsel. And I think that's all I have to say about that, Mr. Chairman and members of the Board.

February 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

Expression of Gratitude to Dr. Kuhn (contd)

President Enarson: (contd)

Dr. Sirak:

Dr. Kuhn, I too would like to add my personal expression of gratitude to you for what I consider to be a very, very outstanding job in a very, very difficult job, which I have watched, certainly not as closely as the President has, but close enough, I think, to know that I wouldn't want it, during the past eight years while I've been a trustee on the Board. I think you've done an exemplary job, and we were lucky to have had you for as long as we did and I do wish you Godspeed and more contentment in pursuit of things which are very dear to your heart in the new role which you'll have.

Dr. Kuhn:

Dr. Sirak and Mr. President and members of the Board, the President has asked me to give the Commencement address and there I shall try to articulate some of my academic beliefs and something that's germane to the University. Here I'd only say that it's been my privilege and honor to serve this Board, to serve this President, and to serve this great, great University in this role. It hasn't been easy, as all of you know, and I have 'grayed' a bit in the service. I shall return to the classroom where I hope to also serve in an exemplary fashion, because I have obviously a conviction that the quality of instruction in every classroom is ultimately what the University is all about. And I've tried to foster that excellence and I know this Board has, and I know the President has, and I look back at nearly eight years of service which, in some ways, seems very brief and in some ways an eternity. But I do appreciate the Board's support and the President's support and the general confidence of all my colleagues in administration, the faculty and the students. Thank you.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-92

RESOLVED, That the reports on the University's Investment Portfolio dated December 15, 1978 and January 19, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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February 2, 1979 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, March 2, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Acting Secretary

Howard D. Sirak
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 2, 1979

The Board of Trustees met at its regular monthly meeting on Friday, March 2, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Leonard J. Immke.

* * *

Minutes of the last meeting were approved.

* * *

Dr. Sirak introduced the new member of the Board:

Leonard J. Immke, Columbus, Ohio, whose appointment was announced by Governor James A. Rhodes on February 1, 1979, for the unexpired term beginning November 15, 1978 and ending May 13, 1979, to succeed John L. Gushman, who resigned November 14, 1978.

March 2, 1979 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 9:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering disputes involving the University that are the subject of imminent court action.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, and Leonard J. Immke.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

ELECTION OF SECRETARY

Resolution No. 79-93

WHEREAS Dr. Edward Q. Moulton, who has served as Secretary of this Board, has terminated his service with the University; and

WHEREAS section 3335-1-02, paragraph (B) of the Administrative Code, provides for replacement of Board officers through election:

NOW THEREFORE

BE IT RESOLVED, That pursuant to section 3335-1-02, paragraph (B) of the Administrative Code, Madison H. Scott, who currently serves in the position of Vice President for Personnel Services, is hereby designated as Secretary for the Board of Trustees of The Ohio State University and is empowered to act on behalf of this board; and that all actions taken by Vice President Scott since January 2, 1979, on behalf of this Board are hereby affirmed and ratified.

Upon motion of Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 79-94

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mrs. James, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

March 2, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

E. Allen Helms

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 23, 1979, of E. Allen Helms, Professor Emeritus in the Department of Political Science.

Dr. Helms graduated from the University of Illinois where he received the following degrees: A.B. in 1922, M.A. in 1923, and Ph.D. in 1927.

An authority on American politics, Professor Helms retired in 1967 from active teaching in Ohio State's Department of Political Science, which he joined in 1925. He was chairman of that department from 1960-62 and headed Ohio State's international studies program for six years.

Dr. Helms was the co-author of several books, including *American Politics* (with Peter H. Odegard), *Presidency in Transition*, and others. He wrote the *History of Municipal Government in Illinois, 1927*, and was state director for Ohio of a nationwide study, "Nomination Politics in 1952."

While teaching American politics as a visiting professor at Oxford University in 1951-52, he became known in England through frequent BBC broadcasts and lectures. He also accepted visiting professorships at various times at George Peabody College, Michigan State University, University of Wisconsin and University of Illinois.

Dr. Helms was named Ohio State's first "Arts College Professor of the Year" in 1947.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Helms, its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Raymond R. Starbuck

The Board of Trustees of The Ohio State University expresses its sorrow upon the death January 17, 1979 of Raymond R. Starbuck, Associate Professor Emeritus, Cooperative Extension Service.

Mr. Starbuck was born February 3, 1896 at Wilmington, Ohio. He attended Wayne Township High School in Clinton County, graduating in 1914. A Bachelor of Science in Agriculture degree was received from Wilmington College in 1917. A Master of Science degree was secured from The Ohio State University in 1932 with additional graduate work undertaken through 1934.

Mr. Starbuck joined the faculty of The Ohio State University as a County Extension Agent in Gallia County on October 1, 1934. He served in this position until August 31, 1938 when he resigned to accept a faculty position at Rio Grande College. He returned to The Ohio

March 2, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Raymond M. Starbuck (contd)

State University, Cooperative Extension Service employment on June 16, 1940 and from then until 1942 he held several short-time Extension positions in Coshocton, Athens, Auglaize, Fayette and Hardin Counties in addition to a southeastern Ohio poultry marketing position. On March 1, 1942 he transferred to Logan County and was there until December 1, 1944 when he accepted a position of Extension Dairyman, where he remained until retirement on February 28, 1957 after 20 years of Ohio State University faculty employment.

Mr. Starbuck was a dedicated and highly respected agricultural leader in Ohio. He was well known for his statewide efforts in dairy educational programs. He was also well known and respected among his peers on the Extension faculty. He will long be remembered for his outstanding contributions in Extension education.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Starbuck its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family of Mr. Starbuck as sincere appreciation of the Board's realization of the loss which the family, the University and his many friends and associates have sustained.

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THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE MEDICAL PRACTICE PLAN

Resolution No. 79-95

WHEREAS on March 3, 1978, this Board adopted a "Medical Practice Plan and Policies Governing Faculty Professional Fee Income"; and

WHEREAS this action is the subject of litigation in the United States District Court and the Common Pleas Court of Franklin County; and

WHEREAS a committee of this Board has reached a tentative agreement with representatives of the plaintiffs for the settlement of the litigation:

NOW THEREFORE

BE IT RESOLVED, That University legal counsel be and they hereby are authorized, subject to the approval of the United States District Court, to enter into a settlement of the aforesaid litigation, which settlement constitutes an agreement to adopt and implement "The Ohio State University College of Medicine Medical Practice Plan," a copy of which is attached hereto and made a part of this resolution; it being understood that the newly adopted Plan will supercede and render null and of no effect the Medical Practice Plan adopted by this Board on March 3, 1978.

Upon motion of Mr. Havens, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution with Dr. Sirak, Mr. Devenow, Dr. Jacob, Mr. Hilliker, Mr. Havens and Mr. Immke casting affirmative votes and Mrs. James and Mr. Smith casting negative votes.

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN**

I. Introduction and Scope of Coverage

These policies (hereinafter referred to as "the Practice Plan") shall be incorporated in and be a part of the annual contract of employment between The Ohio State University and all regular and auxiliary faculty members appointed in a clinical department of the College of Medicine. This Practice Plan has been adopted by the Board of Trustees of The Ohio State University (hereinafter "Trustees") on March 2, 1979, to become fully effective on July 1, 1979, and can be amended only by formal action of the Trustees.

II. Definitions

For purposes of this Practice Plan:

- A. "Regular faculty member" shall mean a physician holding a faculty appointment requiring 50 per cent or more service to the University and holding the title of Professor, Associate Professor, Assistant Professor, or Instructor in a clinical department in the College of Medicine. (*OSU Faculty Handbook*, Chapter I, section 1.2.4)
- B. "Auxiliary faculty member" shall mean a person holding a clinical, adjunct, or other appointment in a clinical department in the College of Medicine and who is not a regular faculty member in that department, but shall not include any person employed full-time in the Student Health Center.
- C. "Strict full-time faculty member" shall mean a person who holds a faculty appointment in the College of Medicine and who has agreed to a salary, without supplement from practice income, as his or her total compensation for teaching, research, and patient care services.
- D. "Practice income" shall mean all income received by a faculty member or a partnership, corporation or agent on his or her behalf from such faculty member's patient care services.
- E. "MRDF" shall mean The Ohio State University Medical Research and Development Foundation, a not-for-profit organization incorporated under the laws of the State of Ohio. The articles of incorporation of MRDF shall provide: that all regular faculty members shall be members of MRDF; that the MRDF Board of Trustees shall have ten members only; that the regular faculty members shall elect 60 per cent of the membership of the MRDF Board of Trustees; that faculty members of the MRDF Board of Trustees shall be elected to three-year terms with one-third of the faculty members being elected each year, with appropriate adjustments being made during the initial two years; and that the OSU Board of Trustees shall appoint the remaining members (40 per cent of the membership) of the MRDF Board of Trustees.

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

- F. "OSU" shall mean The Ohio State University.
- G. "Clinical departments" shall mean the following academic departments in the OSU College of Medicine: Anesthesiology, Family Medicine, Medicine, Obstetrics and Gynecology, Ophthalmology, Otolaryngology, Pathology, Pediatrics, Physical Medicine, Preventive Medicine, Psychiatry, Radiology, and Surgery.
- H. "Academic year" shall mean the period beginning July 1 and ending on June 30 of the following calendar year or such other fiscal year as may be adopted by OSU.
- I. "Dean" shall mean the Dean of the OSU College of Medicine.
- J. "Practice Plan Committee" shall mean a committee elected annually by and from the regular faculty members in the clinical departments, with each clinical department being entitled to elect one committee member for each ten (or fraction thereof) regular faculty members in the department. The Practice Plan Committee will advise the Dean, the Vice President for Health Sciences, the Provost, the President, and the MRDF Board of Trustees on matters relating to the operation of this Practice Plan, and will perform such other duties as may be determined. The Committee will receive annually a written report from the MRDF Board of Trustees indicating, in the aggregate by department, all of the MRDF revenues and expenditures during the preceding year.

III. Compensation and Support for Regular Faculty

A. Salary

Faculty members in the College of Medicine may receive a salary from the OSU general funds budget. The salary level shall be specified in his or her "Notice of Appointment" and shall be determined annually by OSU. In recommending such salary, the Dean will consider each faculty member's teaching and administrative performance and research productivity. Any regular faculty member desiring to increase his or her salary to a maximum level as determined by the Dean may do so by paying to OSU from his or her practice income from patient care services the amount of the desired increase, plus the increased cost of the employer's contribution to the appropriate retirement system.

B. Facilities and Support

Regular faculty members will be furnished with office and clinical facilities, equipment, supplies, and staff assistance, subject to the obligations of payment provided in Section VII of this Practice Plan. The OSU Hospitals will provide house staff.

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

C. Practice Income

Subject to the obligations detailed in Section VII, the regular and auxiliary faculty members may establish their professional fees and bill for, collect, and retain all fees for services rendered by such faculty members.

D. Monitoring Activities Provided in Exchange for Compensation and Support

Effective academic performance of a faculty member in the College of Medicine is judged on the basis of teaching, research and scholarly publication, and service to the Department, the College or the University.

To assess the quality of the academic effort of the College of Medicine and to ensure that each member of that faculty is equitably compensated, it is necessary for the College administration to evaluate each faculty member's academic performance.

Information essential to these evaluations in the form of a quarterly activity report shall be provided by each faculty member to the Department Chairman and the Dean. The report shall be due thirty days after the end of each academic quarter.

The form shall be prepared by OSU and shall make provision for a report of the following:

1. Patient care activity in the OSU Ambulatory Clinic, including number of patients seen, tests, examinations or procedures performed, and number of students involved in such activity.
2. Patient care activity in the University Hospitals including number of patients admitted, tests, examinations or procedures performed, and number of students involved in such activity.
 - a) This will include a report of daily rounds showing number of patients seen and students involved.
3. Patient care activity in off-campus hospital or ambulatory facilities including number of patients seen, tests, examinations, and procedures performed, and number of students involved in such activity.
 - a) Where hospital care is involved, the report will show number of rounds, number of patients seen on each round, and number of students involved on each round.

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

4. Number of lectures given or classroom-type meetings conducted, the subject matter, and the number of students involved.
5. Number of hours spent conducting research in laboratories on and off campus and number of students involved with that work.
6. Number and size of grants for research in which the faculty member is fulfilling a supervising role and number of students involved in that research under the faculty member's supervision.
7. Amount and extent of administrative duties relating to the educational mission of the College of Medicine including a listing of all committee memberships and estimate of time spent in those respective duties during the quarter.

IV. Professional Fees--Collection and Guidelines

A professional fee office will be operated by OSU as a part of this Practice Plan. This professional fee office will issue billing statements and collect practice income for those faculty members or professional corporations, partnerships, and associations of faculty members so requesting.

V. Cost Related to Patient Care Services

A. Department Finance Committees

The regular faculty members in each clinical department will elect from their membership a Department Finance Committee, consisting of not less than three members.

B. Determination of Costs

OSU and the OSU Hospitals will maintain accurate records of the total costs (direct and indirect) incurred in University medical facilities. It is recognized that a portion of these total costs results, and will continue to result, from the performance of the teaching and research functions of OSU and that this portion of these costs is an appropriate expense of OSU and the OSU Hospitals.

The Department Chairman and the Department Finance Committee will meet, no fewer than sixty days prior to the beginning of each academic year, with appropriate representatives of OSU and the OSU Hospitals to develop a department practice budget. That budget is to include the (direct and indirect) costs incurred in University facilities used by regular

**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

faculty members in that department to provide patient care services from which the regular faculty members will be deriving practice income. Such costs are to be reduced by an amount which, in the judgment of OSU, reflects a proper charge for the departmental teaching and research functions performed in the OSU facilities and are to be no more than the costs for which similar facilities could be obtained from a competitive source in which there is no teaching or research function for which payment must be made. No charge is to be made for University medical facilities for which OSU or the OSU Hospitals makes a separate charge.

Appropriate OSU and OSU Hospitals cost records will be made available to the Department Chairman, the Department Finance Committee, and the Practice Plan Committee. Upon request, the Practice Plan Committee will meet with representatives of OSU and the OSU Hospitals to discuss such cost records, including proposed indirect costs and the amount of the charge for the teaching and research functions.

VI. Academic Enrichment Programs

- A. It is recognized that the clinical departments have varying needs for, and varying abilities to support, academic enrichment programs calling for funds in addition to the payment of costs incurred in connection with patient care services. A single plan applicable to all faculty members can result in inequities, both for the faculty and for the College of Medicine. Instead, academic enrichment plans should be developed through departmental faculties under the guidance of the Practice Plan Committee. Funds to support academic enrichment plans shall be paid to and administered by MRDF.
- B. The Practice Plan Committee will establish general guidelines for the development of departmental academic enrichment programs, including recommendations as to possible projects to be considered by the Practice Plan Committee such as the following:
 - 1. Compensation and expenses for visiting consultants and lecturers.
 - 2. Expenses directly related to faculty and staff recruitment.
 - 3. Costs of scholarships, stipends, and tuitions for students.
 - 4. Costs of personnel training courses and attendance at professional and educational meetings.
 - 5. Costs of research laboratories, including salaries, maintenance, and equipment.

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6. Other expenses incurred in support of departmental teaching, research, and professional care of patients.
- C. Each Department Finance Committee, after consultation with the Practice Plan Committee, will recommend to the departmental regular faculty members a departmental academic enrichment program. Upon an affirmative vote of at least 75 per cent of the regular faculty holding appointments in the department, the program will become effective and mandatory on all regular faculty members holding appointments in the department. A departmental academic enrichment program may be amended from time to time or rescinded by an affirmative vote of at least 75 per cent of the regular faculty members holding appointments in the department.
- D. Copies of departmental enrichment programs will be filed with the Department Chairman, the Practice Plan Committee, and the Dean, and shall be subject to their approval. The Department Chairman, the Practice Plan Committee, or the Dean may from time to time recommend changes in any departmental academic enrichment program, which recommendations will be considered by the Department Finance Committee and by the regular faculty members in the department. The results of such consideration will be sent to the Department Chairman, the Practice Plan Committee, and the Dean.
- E. If a department does not, prior to June 30, 1979, approve an academic enrichment program or, if at any time a department rescinds its academic enrichment program, the Dean will meet with the regular faculty members in the department to discuss the reasons why such a program has not been approved or why the program was rescinded. If a departmental enrichment program is not approved within a reasonable time after such meeting, the Dean (following consultation with the Practice Plan Committee) shall submit the matter, together with a proposed academic enrichment program, to the MRDF Board of Trustees for binding arbitration. If a departmental enrichment program has been adopted by a department and has been disapproved by the Department Chairman, the Practice Plan Committee or the Dean, or if recommendations for change in a program by the Department Chairman, the Practice Plan Committee or the Dean are not accepted by the department faculty, the disapproving or recommending party shall prepare a proposed departmental enrichment program. The program adopted by the department and the program prepared by the disapproving or recommending party shall be submitted to the MRDF Board of Trustees for binding arbitration. Once the matter is brought before the MRDF Board of Trustees for arbitration pursuant to this section, the decision of the MRDF Board of Trustees shall be binding on all parties, and any academic enrichment program thus determined will be mandatory on all regular faculty members in the department.

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- F. Each Department Chairman will file an annual report with the Practice Plan Committee and with the Dean, which report will outline the academic enrichment program adopted by the regular faculty members and the academic enrichment achieved by such program during the prior year.

VII. Payment of Charges

- A. Determination of Charges to Each Regular Faculty Member

No fewer than thirty days prior to the beginning of each academic year, each Department Chairman will meet with each regular faculty member holding an appointment within that department. The purposes of this meeting will be:

1. To list the OSU medical facilities, equipment, supplies, and staff assistance that the regular faculty member will be using during the following academic years from which the regular faculty member will be deriving practice income;
2. To estimate the percentage of time that the regular faculty member will be using such OSU medical facilities, equipment, supplies, and staff assistance for such purpose;
3. To agree upon the annual charge to be paid by the regular faculty member for the OSU medical facilities, equipment, supplies, and staff assistance used to produce practice income; and
4. To determine the annual charge to be paid by the regular faculty member under the department's academic enrichment program.

At any time during the academic year, either the Department Chairman or the regular faculty member may request a review and adjustment of the OSU medical facilities, equipment, supplies, and staff assistance actually used by the regular faculty member to derive practice income.

If the Department Chairman and the regular faculty member cannot agree with the annual charges to be paid by the regular faculty member, the Department Chairman shall, after consultation with the Department Finance Committee, recommend to the Practice Plan Committee the annual charges (supported by the list of facilities, equipment, supplies, and staff assistance and percentage of use) and shall send a written copy of his recommendation to the regular faculty member involved in the

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dispute. Following consultation with the regular faculty member and the Department Finance Committee, the Practice Plan Committee shall determine the annual charges to be paid by the regular faculty member.

In no event will a determination of the Practice Plan Committee regarding the obligation of any individual faculty member affect the total obligation of the clinical department under this Plan.

B. Payment for Practice Costs and Academic Enrichment

Except in unusual cases, the charge for practice costs and academic enrichment to each regular faculty member will be stated on an annual basis, one-quarter of which will be paid by the regular faculty member on the last day of September, December, March, and June of each academic year, for the prior quarter. Payment for the practice costs will be made to OSU; payment for academic enrichment will be made to MRDF; and both will be reported at least quarterly to MRDF and to the Practice Plan Committee.

VIII. Discovery Relevant to Disputed Department Practice Plans or Individual Annual Charges

- A. If the aggregate amount of practice income of a department or the amount of practice income of any one or any number of individual members of a department, is found by any three members of the Board of MRDF or a majority of the Practice Plan Committee (PPC) to be relevant to an issue submitted either for arbitration or determination, such information shall be supplied by the department or by the individual faculty member to an independent accountant retained by MRDF. The independent accountant shall report the information to the MRDF and the parties in an arbitration, or to the Practice Plan Committee and the Chairman of the Department and faculty member in a Practice Plan Committee determination. The information shall be treated by each as Confidential and not further disclosed.
- B. If the PPC finds that the amount of practice income of a department or of any one or any number of individual members of a department is not relevant to an issue before it for determination, and either the Department Chairman or the faculty member disagrees, the question of relevancy shall be appealed to the MRDF Board for final resolution. If any three members of the Board of MRDF find that such information is relevant, the information shall be supplied as provided in subsection VIII (A).

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**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
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IX. Conflict of Interest

If any member of the Practice Plan Committee or of the Board of Trustees of MRDF is a member of a department, or is a party, which has previously approved or disapproved a plan or charge submitted for discussion or decision before that body, a substitute member shall be selected with full rights to participate in the discussion and any decision (including the right to vote) in place of the members having such conflict of interest. The regulations and procedures of the Practice Plan Committee and of the MRDF shall provide for the selection of substitutes in a manner consistent with the provisions of this Practice Plan.

X. Policies Affecting Auxiliary Faculty Members

The chairman of each clinical department, with the advice of the Department Finance Committee, shall determine what financial obligation auxiliary faculty members with appointments in that department will have. Such determinations shall be based on the degree to which such auxiliary faculty members enjoy the benefits of University staff and facilities and the extent to which such persons contribute to the academic programs of the department and the College, and are subject to the approval of the Practice Plan Committee.

XI. Policies Affecting Strict Full-Time Faculty Members

The Dean or Department Chairman may negotiate with faculty members for the performance of teaching, research, and patient care services on a salaried basis, without additional compensation from practice income and without additional obligation to pay for cost reimbursement.

A strict full-time faculty member's salary, practice support costs, and academic enrichment contributions will be paid by the University. Practice income generated from the patient care services of strict full-time faculty members may, at the discretion of the Dean, be retained by OSU Hospitals or the College of Medicine.

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STATEMENT BY HAROLD L. ENARSON, PRESIDENT

It is our information that the plaintiffs in the Practice Plan litigation have agreed to the settlement proposal which was worked out between their representatives and the representatives of this Board in Judge Kinneary's court on February 15.

This has been a lengthy, complex, often rancorous controversy. The interests of the University and those of some faculty members were in sharp conflict. And, on some points, well-intentioned persons on both sides of the controversy simply disagreed over fundamental issues concerning the College of Medicine.

This settlement--a compromise practice plan--will not reconcile these clashing interests for all time nor finally resolve these disagreements. It does, however, define the rights and obligations of the University and members of the College of Medicine on a number of critical issues--and this is a distinct benefit to the University and to the faculty. It also provides a framework as well as orderly procedures for resolving problems--and this can be a distinct benefit to the University and to the faculty given good-faith efforts by all parties.

I am advised by counsel that it is the mark of a good settlement when everyone is less than wholly satisfied. In that case, the proposed settlement is very likely an excellent one.

The proposed Practice Plan will, however, go a long way to ensure that our goals of accountability to the taxpayers, equity among faculty, and a planned, ordered academic improvement program for the College of Medicine are met.

Under this Plan:

1. The University Hospitals will recover direct and indirect costs for facilities and services supplied to faculty members. Presently, the University recovers only partial direct costs from most departments.
2. Each department will be required to have and fund a mandatory academic improvement program that is approved either by (a) the department chairman, the dean, and a college-wide faculty committee, or (b) the Board of the Medical Research and Development Foundation. Presently, participation for academic improvement is voluntary, with contributions not necessarily made for clearly defined departmental needs.
3. The University has reinforced its prerogatives to:
 - a) reallocate general funds among departments,

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**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
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President Enarson (contd)

- b) adjust salaries on the basis of teaching and research responsibilities,
 - c) allocate the State's Clinical Teaching Facilities appropriation among departments on the basis of teaching and research activities, and
 - d) establish rates to be charged faculty for University facilities and services.
- 4. A method will be established for monitoring academic improvement expenditures through the accounts of the Medical Research and Development Foundation (MRDF). Presently, funds described as academic enrichment funds are channeled through a patchwork of accounts--i.e., University rotary accounts, the Development Fund, individual and group practice corporations--so that accounting and review are impossible.
 - 5. The MRDF will allow a direct review of College of Medicine activities by the Board of Trustees and the University central administration.
 - 6. Appeal procedures to a peer group will be established to assure that individual faculty members are assessed equitably for practice and academic improvement costs within a department.
 - 7. The University will receive information about each faculty member's practice activity needed: (a) to be accountable for activities conducted in its name, and (b) to help insure equitable treatment of individual faculty members. Income disclosure will also be available if needed to resolve differences about these matters.

The Plan is, however, only a written policy. It will work only if everyone in this process works in good faith to make it succeed.

Most practice plans either require a fixed predetermined ceiling on practice income or some fixed predetermined percentage of practice income. The proposed settlement does neither. Instead, it is premised on the assumption that the collective faculty will act in good faith in developing academic improvement plans which are fair to the individual faculty member and which also promote the academic quality of the departments.

Plainly, such an approach is not self-enforcing. However, it clearly provides the opportunity and the challenge to move this medical school forward. It is in this larger sense that this Plan must satisfy now and in the future the need for accountability to the public--the public which built the Medical Center and sustains it.

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**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
MEDICAL PRACTICE PLAN (contd)**

President Enarson (contd)

We pledge our best efforts to work in good faith with the medical faculty to make this Plan work, and to improve our College of Medicine in the best ways we can. And we hope for, we expect, the good-faith efforts of the faculty as well.

Could this conflict have been avoided? I am content to leave this judgment to others.

However, one observation is unarguable: Despite years of discussion and failed efforts to develop a mutually acceptable approach, the issues in dispute were not resolved short of the clear and present prospect of a trial in federal court--a trial which both the plaintiffs and the defendants wished to avoid.

Was the controversy worth it? Only the future can tell. This Board did determine that new arrangements were necessary. And as I stated earlier, we will now have a Practice Plan in place. Other major universities have endured similar controversies and moved ahead to build ever stronger programs in academic medicine.

In this connection, may I publicly express my appreciation to the Committee of Trustees for the time and devotion given to this matter. My special thanks go to our two Chairmen, Jack Gushman and Dr. Howard Sirak.

I believe that if everyone will now join together to make this Practice Plan work, the College of Medicine will become a much stronger one in the future than it has been in the past. I believe the adoption of this Plan at this time is clearly in the best interests of the University, and I recommend its approval to you.

STATEMENTS BY TRUSTEES

Mr. Warren Smith:

I just want it to show on the record that I have serious misgivings about the compromise that has been reached. I think that the settlement really compromises the major premise of any practice plan, whether it is at Ohio State University or any university for that matter. In our discussions it has been argued to me that when I see the plan in operation, I will see that my misgivings are not well placed. That may be true and it may not be true. But since this settlement apparently is going to go forward by majority vote of this Board, I think any comments from me right now would distract from the good-faith effort of the parties as they move towards that settlement. Therefore I would prefer not to make any public comments on the plan at this time, but to withhold them until I see the plan in operation.

Dr. Sirak: Any further discussion?

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Mrs. James:

Mr. Chairman, I share some of the same feelings that Mr. Smith has expressed, but from listening to Dr. Enarson's statement, I, too, am persuaded that it is important to move forward; that doesn't alleviate my concerns about what I consider to be the major changes in the plan, but I will also be watching very carefully what happens and intend to express myself very clearly if things go as I'm afraid they might.

Dr. Sirak: Are there any other Trustees who wish to comment?

Mr. Devenow:

Mr. Chairman, I would like to give special thanks to Mr. Jack Havens and Dr. Jacob and yourself for the great effort you put forth in order to resolve this problem, and also for putting it into focus so that the Board could make a decision on its merits. I am sure the Board and the University are grateful for the effort and time you put into it.

Dr. Jacob:

Mr. Chairman, as an individual who was brought into the determination about midpoint, in November I think you called me, I would like to say that I'm happy with the way things have gone and the fact that we have been able to reach an agreement without going into the court litigation procedures and dragging them out for years. However, I think that the concerns expressed by Pat and Warren are shared by myself and I think that all of us have the incumbent duty of watching how the plan operates. And I would certainly want it to be understood that as long as I am on the Board, which will be five more years, God willing, that the plan is subject to adjustments and revisions if we find that it is not working as we honestly believe that it can work, it should work, and hopefully will work.

Dr. Sirak:

I, as your current chairman, am most pleased that we have achieved a resolution of the practice plan which a committee of us started two years ago to formulate. This committee was appointed by Chairman John Gushman and was comprised of Kathy Schoen, Bill Vandament, Eric Gilbertson and myself.

I know that I speak for all of the Trustees when I express the Board's appreciation to Judge Kinneary for the assistance he gave us in his court last week.

I am sure that I express the sentiments of each Trustee when I emphasize how hopeful we all are that all of our medical faculty will return promptly and enthusiastically to their individual and collective roles of teaching, patient care, and research. These are responsibilities that the citizens of Ohio may rightfully expect

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**THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE
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Dr Sirak: (contd)

them to fulfill in exemplary fashion. Furthermore, I am sure that all of us, Trustees and Administration, are expecting that all parties adhere to the letter and the spirit of this practice plan by acting in good faith and with earnestness to make our medical school both academically and health-care wise a great one. It has the potential to become one of the great ones in this country. This I personally know from my long years of association with it. Mr. Secretary, would you call the roll, please.

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**ELIMINATION OF PHYSICAL EDUCATION AS
UNIVERSITY DEGREE REQUIREMENT**

Resolution No. 79-96

Synopsis: Elimination of physical education as a University degree requirement is being proposed.

WHEREAS the Division of Physical Education of the School of Health, Physical Education and Recreation requested in March 1977 that the University physical education degree requirement (rule 3335-7-08 of the Administrative Code) be deleted; and

WHEREAS an elective program in physical education will promote continuous response to changing activity interests of students, new program design and improved teaching; and

WHEREAS an elective program will increase opportunity for upper division students to select and schedule courses which appeal to their needs for leisure skills, specific fitness concerns, and/or knowledge of sports in society; and

WHEREAS many other major universities both within and outside the Big Ten have in recent years changed from a required to an elective program in physical education; and

WHEREAS individual colleges and schools may choose to institute, with Council on Academic Affairs approval, a physical education requirement as a part of the requirements for the degrees they administer; and

WHEREAS an increase of free elective hours from 12 to 15 (rule 3335-7-06 of the Administrative Code) will permit students to further their non-programmatic educational interests; and

WHEREAS experience at other universities suggests that elective physical education course enrollments initially decrease significantly but then return to nearly the same levels experienced while a degree requirement; and

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**ELIMINATION OF PHYSICAL EDUCATION AS
UNIVERSITY DEGREE REQUIREMENT (contd)**

WHEREAS the Division of Physical Education will need special consideration during a transition period in regard to fiscal arrangements, staffing patterns, graduate student enrollment and support, and access to facilities:

NOW THEREFORE

BE IT RESOLVED, That the recommendation from the University Senate be adopted as approved on January 13, 1979; to wit:

- 1) Three hours of physical education as a University degree requirement (rule 3335-7-08 of the Administrative Code) be deleted, effective Autumn Quarter, 1979; and
- 2) Those three hours vacated by such elimination be added to the present 12 hours required as free electives in all baccalaureate degree programs (rule 3335-7-06 of the Administrative Code); and
- 3) An appropriate transition period be employed by the University for necessary fiscal and curricular adjustments.

Upon motion of Mr. Smith, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

President Enarson called upon Dr. Kuhn to make a statement.

Dr. Kuhn:

Mr. President and members of the Board, the elimination of the requirement of three hours of physical education, University wide, has been discussed in various University bodies for the past two and a half years. I think it is fair to say that our University, among the large public and private universities, is the last to retain a physical education requirement. It is probably (physical education, that is) a vestige of the old *in loco parentis* concept. Many student bodies in many universities have agitated quite actively for the abolition of such requirements; that has not been the case here. It has not been the students who have agitated for the removal of this requirement, but we felt that it was time that we did away with the requirement which would then allow three hours further of elective requirements in the curriculum of our students. As I say, this has gone through the University Senate, has been discussed there; and with the resolution here there is a following resolution which is simply housekeeping, inasmuch as two or three other rules are affected and must be changed--if, indeed, the requirement is accepted. I think with that I would like to have Professor Charles Mand, who is the Chairman of the Physical Education Department, take just a couple of minutes to give his department's view of this and, indeed, to look forward to what implications this will have for physical education in the University. Dr. Mand--

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ELIMINATION OF PHYSICAL EDUCATION AS UNIVERSITY DEGREE REQUIREMENT (contd)

Dr. Charles Mand:

As the Provost has explained, this matter has been discussed for almost two and a half or three years. Much of the initiation came through our department itself. We believe that the requirement represented an anachronism in the life of the University. We feel that a strong program of offerings to students in physical education is important. We intend to continue with such a program, but we feel that we ought to be part of the ordinary sequence of events in the University. At this point, we represent the only all-University requirement. Other requirements are by college or curriculum, not by fiat of the Board of Trustees, in a sense, which is as again the Provost has suggested, I think. It has been since the 1890's or early 1900's that this requirement has been on the books; it has been modified one or two times. We have in the past several years--in preparation for moving to an elective program--we have changed our scheduling procedures to be a part of the ordinary computer scheduling (which is a help to students at this point in time) rather than doing it with long lines and by hand the first week of classes. That has been a plus, I think. We, in addition, have, I think, revitalized our curriculum to take and show concern for the needs of students in this day and age to individualize programs as we reflect upon and as students reflect upon their need for lifetime fitness, lifetime sport skills--other types of pursuits which are more popular today. All of those have been built into the program.

At the University of Wisconsin, at Berkeley, at other places that have moved from a requirement to an elective program in the last decade--many of those places did this in some distress, I might add, under pressure. That is not the case here, whether from the student or the administration or from other members of faculties across campus; this is a suggestion to be done, which we think is in keeping with the 1970's. But in those institutions where they moved to an elective program, there has been an immediate drop in enrollment and then within two or three years the enrollment has climbed back to, not only existing standards as at the time of dropping the requirement, but it has even grown as students have better opportunity to participate. You see, one of our major problems is that each quarter we close out a thousand to two thousand students who seek some activity, and basically word gets out among students who are juniors, seniors, sophomores--why sign up, you are going to get closed out, we are trying to meet the responsibilities of people in the freshman class or those that need these credits for graduation. I feel that--what we feel in our department and I think the University agrees--this will provide an opportunity--better opportunity--for those students who seek this sort of educational experience, rather than forcing some who are not particularly at this point in their career. We are confident, given a modest grace period, that we have a sufficiently attractive program that is sufficiently worthwhile and significant to students, that enrollment will be back to where it was in the past year if we do drop and go to an elective program. We anticipate that we will be able to do some things for students and with students that we have not been able to accomplish under the existing circumstances. That is all really I have to say unless there are some questions you might ask.

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**AMENDMENTS TO RULES 3335-7-06, 3335-7-21 AND 3335-9-30 AND DELETION
OF RULES 3335-7-08 AND 3335-7-09 OF THE ADMINISTRATIVE CODE**

Resolution No. 79-97

Synopsis: Approval of amendments to rules 3335-7-06, 3335-7-21 and 3335-9-30 and deletion of rules 3335-7-08 and 3335-7-09 of the Administrative Code is being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-08 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments and deletions to *Rules of the University Faculty* as approved by the University Senate:

3335-7-06 Curricular requirements.

Number of free elective credit hours changes from twelve to fifteen hours.

3335-7-21 Marks.

Deletes reference to physical education requirement.

3335-9-30 Requirements for an undergraduate degree.

Deletes reference to reduction of the stated minimum number of credit hours required in curriculum for a degree or certificate.

NOW THEREFORE

BE IT RESOLVED, That the amendments to rules 3335-7-06, 3335-7-21 and 3335-9-30 of the Administrative Code and deletion of rules 3335-7-08 and 3335-7-09 of the Administrative Code, as approved by the University Senate at its meeting February 10, 1979, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Mr. Smith, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

RULES

3335-7-06 Curricular requirements.

Every undergraduate curriculum must provide for a minimum of fifteen hours of free electives. (B/T 1/10/75, B/T 3/2/79)

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RULES (contd)

3335-7-21 Marks.

(J) "PA/NP"--pass/non-pass

- (2) Among these thirty credit hours, an undergraduate student may elect pass/non-pass grading for courses in fulfillment of the curricular requirements of rule 3335-7-06 of the Administrative Code.

3335-9-30 Requirements for an undergraduate degree.

- (C) Have satisfactorily completed the number of credit hours required for the curriculum he is pursuing. The minimum number of credit hours required in each curriculum shall include the credit hours required under rules 3335-7-06 and 3335-7-07 of the Administrative Code. Credit hours are considered as "satisfactorily completed" only if the student has received, at this university, the mark "A," "A-," "B+," "B," "B-," "C+," "C," "C-," "D+," "D," "EM," "K," "S," or "PA" in those hours (see rule 3335-7-21 of the Administrative Code).

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**ESTABLISHMENT OF ACADEMIC DIVISIONS AT THE
AGRICULTURAL TECHNICAL INSTITUTE (WOOSTER)**

Resolution No. 79-98

Synopsis: Establishment of academic divisions at the Agricultural Technical Institute, Wooster, Ohio, is being proposed.

WHEREAS the Council on Academic Affairs has approved the request of the College of Agriculture and Home Economics to establish academic divisions at the Agricultural Technical Institute, Wooster, Ohio; and

WHEREAS the Agricultural Technical Institute, Wooster, Ohio, is a unit of The Ohio State University for instruction leading to the associate of applied science degree in the agricultural technologies (paragraph (I) of rule 3335-1-05 of the Administrative Code); and

WHEREAS the Institute has grown to include a faculty of 50 persons and a student body of 786; and

WHEREAS the establishment of divisions at the Institute will provide for more efficient administration of its academic units; and

WHEREAS the proposed divisions are in accordance with the definitions and criteria set forth in rule 3335-3-34 of the Administrative Code:

March 2, 1979 meeting, Board of Trustees

**ESTABLISHMENT OF ACADEMIC DIVISIONS AT THE
AGRICULTURAL TECHNICAL INSTITUTE (WOOSTER) (contd)**

NOW THEREFORE

BE IT RESOLVED, That the recommendation from the University Senate for the creation of the following divisions at the Agricultural Technical Institute, Wooster, Ohio, be approved with the action effective July 1, 1979:

Division of General Studies,
Division of Agricultural Business Technologies,
Division of Agricultural Mechanics Technologies,
Division of Animal Industries Technologies, and
Division of Horticulture Industries Technologies.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 79-99

Synopsis: Approval is requested for awarding honorary degrees.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of the honorary degrees listed below:

Rupert L. Atkin	Doctor of Science
Soichiro Honda	Doctor of Humane Letters
Melvin S. Newman	Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Dr. Jacob, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 2, 1979 meeting, Board of Trustees

DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 79-100

Synopsis: Approval is being requested for awarding degrees and certificates for Winter Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 16, 1979, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mrs. James, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 79-101

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the February 2, 1979 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves and Emeritus Titles, as detailed in the University Budget for 1978-79 be approved.

March 2, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: S. EARL BROWN
Title: Dean, College of Social and Behavioral Sciences, and Professor, Department of Geography
Effective: March 1, 1979
Salary: \$42,000.00 (12 months)
Present Positions: Acting Dean, College of Social and Behavioral Sciences, and Professor, Department of Geography

Name: DONALD LEWIS FRY
Title: Professor (S. Robert Davis Chair of Medicine)
Departments: Medicine and Pathology
Effective: March 1, 1979
Salary: No Salary (0 per cent time)
Present Position: Chief of the Laboratory of Experimental Atherosclerosis at the National Heart, Lung and Blood Institute, Bethesda, Maryland

Leaves of Absence Without Salary

FAITH N. KERSEY, Instructor, Department of English, effective October 1, 1979 through March 31, 1980, for personal reasons.

CATHERINE E. MORRISON, Instructor, School of Nursing, effective January 1, 1979 through March 31, 1979, for personal reasons.

Professional Improvement Leaves

HOWARD FINK, Professor, College of Law, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

GIDEON A. FRAENKEL, Professor, Department of Chemistry, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

RANBIR SANDHU, Professor, Department of Civil Engineering, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

GIACOMO SANI, Professor, Department of Political Science, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

ULRICH GERLACH, Associate Professor, Department of Mathematics, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

March 2, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

WILLIAM M. SUMNER, Associate Professor, Department of Anthropology, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Emeritus Titles

CARL S. JOHNSON, School of Natural Resources, with the title Professor Emeritus, effective February 1, 1979.

GEORGE G. THOMPSON, Department of Psychology, with the title Professor Emeritus, effective April 1, 1979.

Upon motion of Mrs. James, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-102

Synopsis: The reports on contracts, grants and gifts and the summary for January are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund (December 1978) during the month of January 1979, be approved.

Upon motion of Mr. Devenow, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR JANUARY 1979

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	63	\$3,807,730.00
Engineering Experiment Station	3	119,181.00
		\$3,926,911.00

December 1978

The Ohio State University Development Fund	7,771 Donors	\$2,707,848.47
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Establishment of Named Funds

The Greek Affairs Education Fund (Student and alumni training programs and resource and educational materials)	\$ 12,000.00
William Quicksall Memorial Scholarship in Civil Engineering (Undergraduate students in civil engineering)	10,000.00
Eunice J. Wertenberger Fund (Department of Human Nutrition and Food Management)	10,000.00
The Robert M. Augspurger Memorial Scholarship Fund (Third-year medical students)	6,000.00

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

New Presidents Club Members, December 1978

Ann M. Ascham (Mrs. Wilbur R.)	James R. Lawrence
Robert B. Barnett, Jr.	R. Tighe Magnuson
Frank H. Batsche, Jr.	Claudia H. Marsh
John C. Berryhill	Douglas J. Michael
Richard H. Bracken	Emmett Millit
George G. Brown	Thomas D. Murnane
Cheryl C. Brumbaugh	Timothy P. Nagy
Walter C. Buchsieb	James H. Nelson, III
Russell T. Bundy	Anne E. Newman
Frank H. Buurma	Joanne P. Nordholt (Mrs. John B., Jr.)
Elizabeth G. Carlin (Mrs. David P.)	Glenn F. Oliver, Jr.
Sally R. Carlin (Mrs. Philip E.)	Richard O'Shaughnessy
Ward C. Case	Mark Osterheld
Thomas L. Chase	Jerry B. Pausch
G. Eugene Cleveland	Franklin E. Perry
Christine D. Cline (Mrs. Arthur R.)	F. Douglas Reardon
William E. Copeland, Jr.	Leslie A. Rector
John M. Costello	James F. Riley
Marjorie A. Coyle (Mrs. William R.)	John S. Roby
Karen Kramer Deak	Kenneth C. Ryan
Don D. DeCenso	David R. Schooler
John W. Demidovich	S. Dean Schooler
Jon P. Detwiler	Dennis V. Shaw
Jim S. Deyo	James V. Shaw
William R. Diehl	Barbara G. Skillman
Sally K. Ebling (Mrs. John)	Elizabeth M. Skillman (Mrs. Thomas G.)
John T. Eby	R. Dale Smith
Garnet Engle (Mrs. W. Eugene)	Stephen D. Smith
W. Eugene Engle	Ralph E. Snelson
Michael A. Filbin	Larry D. Snyder
James L. Fisher	James H. Sockman
Warren E. Fishman	Charles Spragg
Nathan A. Goldberg	Marie M. Steffel (Mrs. Victor L.)
Jeffrey B. Gudenkauf	Thomas V. Steffel
John A. Harchanko	John T. Skinner
Clark E. Harmon	Lajos Szabo
Eugene J. Heyman	Ned A. Thomas
Olin R. Johanssen	Patrick C. Thomas
Earl J. Johnson	Marlene A. Tope
Clair E. Jones	Anne K. Tsitouris (Mrs. Chris C.)
Robert L. Joseph	Thomas E. Tuckerman
James A. Joy	John R. Waldo
Diane M. Kiddie	William S. Wickes
Steven E. Kincaid	Michel D. Wilcox
John J. Kramer	Bradford B. Woelfel
Thomas K. Larva	Terry Wyand
Anna Marie Lash (Mrs. Albert J.)	

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$284,226.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, Academic Faculty of Science and Mathematics Education (R. W. Howe), 1 January 1979 through 31 December 1979. (Project 761083 - Continuation)

\$273,519.00 - Department of Labor, Washington, D. C., A Formative Evaluation of the Private Sector Initiative Program and HIRE II, Department of Political Science (R. B. Ripley), 1 February 1979 through 31 March 1980. (Project 761515 - New)

\$240,000.00 - Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective *in vivo* Bioassay for Environmental Agents Producing DNA Damage, Department of Radiology (R. W. Hart), 26 December 1978 through 25 December 1979. (Project 761447 - Continuation)

\$147,397.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Characterization of the Chemical Constitution and Profile of Pharmacological Activity of PGB_x, College of Pharmacy (R. W. Doskotch, A. M. Burkman and D. D. Miller), 1 January 1979 through 31 December 1979. (Project 761474 - New)

\$120,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Basic Research for the Earth Dynamics Program, Department of Geodetic Science (I. I. Mueller), 1 February 1979 through 31 January 1981. (Project 761054 - Continuation)

\$105,500.00 Department of Health, Education and Welfare, Office of Education, Washington, D. C., Language and Area Center for Slavic and East European Studies, Department of Slavic Languages and Literatures (L. I. Twarog), 1 September 1978 through 31 August 1979. (Project 760746 - Continuation)

\$105,100.00 - National Science Foundation, Washington, D. C., Paleoclimatic Ice Core Records from the Tropical Quelccaya Ice Cap, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (L. G. Thompson), 1 January 1979 through 31 December 1979. (Project 761519 - New)

\$99,619.00 - Department of the Army, Maryland Procurement Office, Fort George G. Meade, Maryland, Superdirective Arrays, ElectroScience Laboratory, Department of Electrical Engineering (E. Newman), 24 October 1978 through 23 October 1979. (Project 761428 - New)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$92,104.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller Aeroacoustic Methodologies - Comparisons of Propeller Performance and Acoustic Analyses with Wind Tunnel and Flight Test Measurements, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 15 January 1979 through 14 January 1980. (Project 761510 - New)

\$84,980.00 - National Science Foundation, Washington, D. C., Dynamics and Control of Industrial Manipulators and Legged Locomotion Systems, Department of Electrical Engineering (R. B. McGhee, C. A. Klein and S. H. Koozekanani), 1 January 1979 through 31 December 1979. (Project 761487 - Continuation)

\$79,512.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, An Investigation into Pilot and System Response to Critical In-Flight Events, Department of Industrial and Systems Engineering (T. H. Rockwell and W. C. Giffin), 27 October 1978 through 26 April 1980. (Project 761415 - Continuation)

\$75,513.00 - Department of Health, Education and Welfare, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention, Department of Psychology (D. R. Meyer and P. M. Meyer), 1 January 1979 through 31 December 1979. (Project 761470 - Continuation)

\$70,489.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Acoustic and Performance Evaluation of General Aviation Propellers by Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan) and Department of Aviation (G. S. Weislogel), 18 December 1978 through 30 April 1980. (Project 761471 - New)

\$68,800.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flow, Department of Aeronautical and Astronautical Engineering (O. Burggraf), 1 January 1979 through 31 December 1979. (Project 760325 - Continuation)

\$62,988.00 - National Science Foundation, Washington, D. C., Comparative Auxin/Acid Physiology of Roots and Coleoptiles, Department of Botany (M. L. Evans), 18 December 1978 through 31 December 1980. (Project 761490 - Continuation)

\$60,000.00 - National Science Foundation, Washington, D. C., Mechanistic Studies of Nucleotidyltransferases, Department of Chemistry (P. A. Frey), 1 January 1979 through 31 December 1980. (Project 760488 - Continuation)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$59,865.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., The Learning of Discourse Rules by Culturally Different Children in First Grade Literacy Instruction, Academic Faculty of Early and Middle Childhood Education and Mershon Center for Education in National Security (J. S. DeStefano) and Department of Psychology and Mershon Center for Education in National Security (H. B. Pepinsky), 1 January 1979 through 30 June 1980. (Project 761495 - New)

\$56,356.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Detail Characteristics of Coronary Blood Flow, Department of Aeronautical and Astronautical Engineering (R. M. Nerem), Department of Veterinary Clinical Sciences (W. W. Muir) and Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 January 1979 through 31 December 1979. (Project 763797 - Continuation)

\$48,049.00 - National Endowment for the Humanities, Washington, D. C., Summer Seminar: Current Issues in Linguistics Theory, Department of Linguistics (A. Zwicky), 1 January 1979 through 30 September 1979. (Project 761480 - New)

\$45,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Ignition, Combustion, Detonation and Arresting of Unconfined and Confined Reactive Mixtures, Department of Aeronautical and Astronautical Engineering (R. Edse), 1 April 1979 through 31 March 1980. (Project 761050 - Continuation)

\$45,000.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Compressible Subcritical Airfoil Design and Test, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 15 January 1979 through 14 January 1980. (Project 760969 - Continuation)

\$37,824.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Coordinative and Strategic Aspects of Tracking Discontinuous Inputs, Department of Psychology (R. Jagacinski), 15 September 1979 through 14 September 1980. (Project 761260 - Continuation)

\$34,952.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, ElectroScience Laboratory, Department of Electrical Engineering (W. D. Burnside), 16 January 1979 through 15 January 1980. (Project 761012 - Continuation)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,435.00 - Department of the Army, Army Medical Research and Development Command, Washington, D. C., The Synthesis of Certain 4'- and 5'- Modified Nucleosides as Potential Antitrypanosomal Agents, Department of Chemistry (J. A. Secrist, III), 15 February 1979 through 14 February 1980. (Project 761036 - Continuation)

\$31,372.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Antiarrhythmic Studies on 2-Substituted Aminoindenes, College of Pharmacy (R. G. Rahwan), 1 January 1979 through 31 December 1979. (Project 761015 - Continuation)

\$30,000.00 - U. S. Bureau of Mines, Washington, D. C., Coal Dust Combustion in a Stirred Reactor: Evaluation of Combustion and Extinction Mechanisms in Coal Dust Explosion Flames, Department of Mechanical Engineering (R. H. Essenhigh and R. A. Razgaitis), 1 January 1979 through 31 December 1979. (Project 761506 - New)

\$29,207.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, Short-Term Dietary Control of Rat Liver Lipogenesis, Department of Food Science and Nutrition (J. B. Allred), 1 January 1979 through 31 December 1979. (Project 760592 - Continuation)

\$17,148.00 - National Endowment for the Humanities, Washington, D. C., Survey of Research Tool Needs in Slavic Languages and Literatures, Department of Slavic Languages and Literatures (K. E. Naylor), 1 November 1978 through 31 December 1979. (Project 761455 - New)

\$15,000.00 - National Science Foundation, Washington, D. C., Avian Foraging Behavior, Department of Zoology (T. C. Grubb), 1 January 1979 through 31 December 1979. (Project 761505 - New)

\$10,170.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Symposium/Workshop on Unified Approach to Scattering of Acoustics, Electromagnetic and Elastic Waves Focused on the T-Matrix Method, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 December 1978 through 30 September 1979. (Project 761454 - New)

\$10,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., Crash Test Facility Propulsion and Control System - Detailed Design and Component Specification, Department of Mechanical Engineering (D. Guenther), 1 February 1979 through 31 March 1979. (Project 761520 - New)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,000.00 - National Science Foundation, Washington, D. C., Symposium on Molecular Spectroscopy, Columbus, Ohio, June, 1979, Department of Physics (K. N. Rao), 15 January 1979 through 31 December 1979. (Project 761491 - New)

\$7,250.00 - Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., Factors Affecting Crash Test Facility Design, Department of Mechanical Engineering (D. A. Guenther and H. Engelman), 1 October 1978 through 16 February 1979. (Project 761436 - New)

\$1,050.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Foreign Language and Area Fellowships, Graduate School (J. B. LaPidus), 1 July 1977 through 30 June 1978. (Project 760761 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$2,489,425.00**

State of Ohio Research Contracts/Grants

\$197,499.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High-Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1978 through 30 September 1979. (Project 764100 - Continuation)

\$73,700.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Fertility, Department of Obstetrics and Gynecology (F. P. Zuspan), 1 October 1978 through 30 September 1979. (Project 763510 - Continuation)

\$25,000.00 - State of Ohio, Department of Health, Columbus, Ohio, The Ohio State University Family Planning Division - Infertility, Department of Obstetrics and Gynecology (M. H. Kim), 1 October 1978 through 30 September 1979. (Project 763509 - Continuation)

\$18,188.00 - State of Ohio, Department of Education, Columbus, Ohio, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 September 1978 through 31 August 1979. (Project 761419 - New)

\$16,500.00 - State of Ohio, Ohio Historical Society, Columbus, Ohio, Regional Archaeological Preservation - Office 6A, Department of Anthropology (W. Dancey and F. K. Deaver), 1 January 1979 through 30 September 1979. (Project 761476 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$ 330,887.00**

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$400,000.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (R. W. Staehle), 1 January 1979 through 31 December 1979. (Project 760982 - Continuation)

\$147,570.00 - National Insulation Contractors Association, Dayton, Ohio, Insulation Installers Apprentice Training Program, National Center for Research in Vocational Education (R. E. Taylor), 15 December 1978 through 15 January 1980. (Project 761514 - New)

\$83,633.00 - Kentucky Bureau of Corrections, Frankfort, Kentucky, An OJT (On the Job Training) Program for the Kentucky Bureau of Corrections, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1979 through 30 September 1979. (Project 761516 - New)

\$69,577.00 - Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, ElectroScience Laboratory, Department of Electrical Engineering (R. Caldecott), 1 January 1979 through 30 June 1979. (Project 760604 - Continuation)

\$40,428.00 - Technicon Instruments Corporation, Tarrytown, New York, Chemical Modification Studies of Surfaces Appropriate for Sensor Devices, Department of Chemistry (T. Kuwana), 1 January 1979 through 31 December 1979. Project 761484 - New)

\$38,000.00 - Philadelphia, Pennsylvania School District, Philadelphia, Pennsylvania, Alliance for Career and Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 2 October 1978 through 30 June 1979. (Project 761459 - New)

\$25,449.00 - Southwest Oncology Group, Kansas City, Kansas, Southwest Oncology Group, Department of Surgery (J. P. Minton), 1 January 1979 through 31 December 1979. (Project 761049 - Continuation)

\$24,407.00 - Cystic Fibrosis Foundation, Atlanta, Georgia, The Pathogenesis of *Pseudomonas Aeruginosa* in Hamster Tracheal Organ Culture, Department of Microbiology (N. R. Baker), 1 March 1979 through 28 February 1980. (Project 761492 - New)

\$23,940.00 - Peirce Chemical Company, Rockford, Illinois, Use of Bound Enzymes and Affinity Chromatography in the Synthesis of Polypeptides, Department of Biochemistry (G. P. Royer), 1 January 1979 through 31 December 1979. (Project 761488 - Continuation)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$18,188.00 - Department of Public Instruction, Raleigh, North Carolina, Consortium for the Development of Professional Materials for Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 6 December 1978 through 30 June 1979. (Project 761418 - New)

\$17,300.00 - Ministry of Education, Tehran, Iran, Technical Assistance for the Imperial Government of Iran, National Center for Research in Vocational Education (R. E. Taylor), 21 October 1978 through 31 December 1978. (Project 761422 - New)

\$16,677.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, Effect of Valium on the Development of Experimental Atherosclerosis, Department of Surgery (J. F. Cornhill) and Department of Aeronautical and Astronautical Engineering (R. M. Nerem), 1 January 1979 through 31 December 1979. (Project 761494 - New)

\$14,000.00 - Muscular Dystrophy Association, Inc., New York, New York, Physiologic and Morphologic Correlation Studies on Motor Nerve Terminal; End Plate; Muscle Fiber and Motor Unit Properties in Clinical and Experimental Neuromuscular Diseases, Department of Medicine (J. R. Mendell and J. R. Warmolts), 1 January 1979 through 31 December 1979. (Project 760566 - Continuation)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Asymmetric Septal Hypertrophy, Department of Medicine (D. V. Unverferth and J. Meacham), 1 July 1979 through 30 June 1980. (Project 761509 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Myocardial Calcium Regulation - Adaptation to Chronic Exercise, Department of Physiological Chemistry (J. A. Merola and A. C. Gillespie), 1 July 1979 through 30 June 1980. (Project 761508 - New)

\$10,802.00 - Anheuser-Busch, Inc., Lafayette, Indiana, A Study to Determine the Cause and Conditions of Green Water in Wastewater Treatment Basins, Department of Microbiology (P. R. Dugan), 1 January 1979 through 31 December 1979. (Project 761511 - New)

\$9,500.00 - Electric Power Research Institute, Palo Alto, California, Corrosion Chemistry in Low Oxygen Activity Atmospheres Characteristic of Gasified or Incompletely Combusted Coal, Department of Metallurgical Engineering (R. A. Rapp), 1 January 1979 through 30 September 1979. (Project 760462 - Continuation)

\$7,900.00 - Colorado Public Utilities Commission, Denver, Colorado, The Uses of Computerized Analysis in Regulation with Special Reference to Colorado, National Regulatory Research Institute (D. N. Jones and M. S. Gerber), 1 November 1978 through 31 December 1978. (Project 761437 - New)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$7,497.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson), 1 December 1978 through 30 June 1979. (Project 760617 - Continuation)

\$5,000.00 - City of Columbus, Recreation and Parks Department, Central Ohio Area Agency on Aging, Columbus, Ohio, Conference on Multi-Purpose Senior Centers, College of Social Work (R. O. Washington), 1 October 1978 through 30 September 1979. (Project 761518 - New)

\$5,000.00 - The Asia Society, Inc., New York, New York, "Outreach" Program of Information Diffusion, Speaker Series, Film Series and Other School-Community-Oriented Activities Relating to China, Center for International Studies (B. Richardson), 1 January 1979 through 31 March 1979. (Project 761026 - Continuation)

\$4,300.00 - College of the Mainland, Texas City, Texas, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1979 through 31 January 1979. (Project 768014 - New)

\$3,500.00 - World Health Organization, Geneva, Switzerland, *Plasmodium berghei*: Isolation and Fractionation of Parasites and Parasite Components, Department of Microbiology (J. P. Kreier), 1 January 1979 through 31 December 1979. (Project 761489 - New)

\$750.00 - American Philosophical Society, Philadelphia, Pennsylvania, Preliminary Evaluation of the Importance of the "Drainage-Basin Factor" in the Ablation of Stagnant Ice Masses, Institute of Polar Studies and Department of Geology and Mineralogy (G. D. McKenzie), 1 January 1979 through 31 December 1979. (Project 761493 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS

\$ 987,418.00

ENGINEERING EXPERIMENT STATION

State of Ohio Supported Research

\$45,510 - State of Ohio, Public Utilities Commission, Columbus, Ohio, for A Study to Analyze Selected Public Policy Issues Dealing with the Regulation of Electric Power and Natural Gas Utilities, National Regulatory Research Institute, December 13, 1978 through June 30, 1979. (EES 508C, Extension 4)

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Supported Research

\$56,171 - The Ohio State University, Office of Physical Facilities, Columbus, Ohio, for Study of Energy Conservation for University Buildings - Program 4244, Department of Mechanical Engineering, July 1, 1978 through June 30, 1979. (EES 468, Extension 6)

\$17,500 - Gas Research Institute, Chicago, Illinois, for Mechanism for the Accumulation of Static Charge on Plastic Pipe Installations, Department of Electrical Engineering, July 1, 1978 through June 30, 1979. (EES 569, Extension 2)

TOTAL - INDUSTRIAL AND OTHER SUPPORTED RESEARCH **\$73,671**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$199,056.00 - Robert L. Evans, Bidwell, Ohio, [10,208 shares of Bob Evans Farms, Inc. stock], for Canter's Cave 4-H Camp Fund.

\$108,240.46 - William H. Havener, M.D., Columbus, Ohio, for Ophthalmology Teaching Fund.

\$70,000.00 - International Business Machines Corporation, c/o Frank T. Cary, Armonk, New York: \$40,000.00 for IBM-MBA-MIS Fund; \$20,000.00 for Affirmative Action Program in Engineering Fund; and \$10,000.00 for Minority Assistance in the College of Administrative Science.

\$54,000.00 - Ohio Lions Eye Research Foundation, Columbus, Ohio: \$25,000.00 for Ohio Lions Club Blindness Research Fund; \$8,900.00 for Ohio Lions; \$8,450.00 for Lions 1977; \$8,300.00 for Lions Research; and \$3,350.00 for Ohio Lions Research Fund.

\$38,445.61 - Systems Associates, Columbus, Ohio: \$22,635.90 for Cardiology Support Fund and \$15,809.71 for Department of Medicine General Fund.

\$32,550.00 - Richard L. Steinberger, Spring Valley, Ohio: \$16,275.00, [1,050 shares of Nord Resources Corporation stock], for College of Law Advancement Fund and \$16,275.00, [1,050 shares of Nord Resources Corporation stock], for College of Law Student Financial Aids Fund.

\$30,000.00 - Everett D. Reese Fund of The Columbus Foundation, c/o Everett D. Reese, Columbus, Ohio, for Everett D. Reese Arthritis Research Fund.

\$30,000.00 - Ross Laboratories, Columbus, Ohio, for Tumor Immunology Program.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$30,000.00 - The Yassenoff Foundation, Inc., c/o Melvin L. Schottenstein, Columbus, Ohio: \$25,000.00 for The Leo Yassenoff Chair of Jewish Philosophy and \$5,000.00 for Friends of WOSU Endowment Fund.

\$28,870.88 - Louise Orr Scott Foundation, Columbus, Ohio: \$21,653.16 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$7,217.72 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$28,000.00 - The Edward C. and Hazel L. Stephenson Foundation, c/o J. W. Paynter, Grosse Pointe, Michigan, for Edward C. and Hazel L. Stephenson Scholarship Fund.

\$27,875.00 - Arthur E. Shepard, Columbus, Ohio, [1,000 shares of Alexander & Alexander Services, Inc. stock]: \$25,875.00 for Presidents Club Special Fund; \$1,000.00 for C. W. Griffith Memorial Fund; \$500.00 for Friends of OSU; and \$500.00 for Student Athlete Grant-in-Aid Fund.

\$27,000.00 - Howard E. LeFevre, Newark, Ohio, [2,000 shares of Capitol Corporation stock], for Howard E. and Catharine Bonner LeFevre Fund.

\$25,750.00 - Seward D. Schooler, Coshocton, Ohio, [1,000 shares First Banc Group of Ohio, Inc. common stock], (given in the names of David R. Schooler and Dr. S. Dean Schooler, Jr.), for Everett D. Reese Arthritis Research Fund.

\$25,000.00 - The Bremer Foundation, Youngstown, Ohio, for The Bremer Foundation Fund.

\$22,000.00 - Eli Lilly and Company, Indianapolis, Indiana, for Infectious Disease Research Fund.

\$21,342.00 - Pfizer, Inc., Groton, Connecticut, for Clinical Pharmacology Fund.

\$17,704.04 - Retinal Consultants, Inc., Columbus, Ohio: \$14,156.36 for Retina Research Fund and \$3,547.68 for Ophthalmology Photography Fund.

\$15,097.50 - Robert L. Barney, Wendy's International, Inc., Dublin, Ohio: \$7,548.75, [330 shares of Wendy's International, Inc. stock], (given in the names of Robert L. Barney and David R. Simmerman), for Student Athlete Grant-in-Aid Fund; and \$7,548.75, [330 shares of Wendy's International, Inc. stock], (given in the names of Robert L. Barney and David R. Simmerman), for Marketing Faculty Support Fund.

\$14,261.70 - University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$13,333.33 - Schering Corporation, Kenilworth, New Jersey, for Infectious Disease Research Fund.

\$12,800.00 - Trust Under the Will of Anna Roessler, c/o G. K. Traucht, Columbus, Ohio, for Samuel J. Roessler Memorial Fund.

\$12,280.00 - The University Obstetricians and Gynecologists, Columbus, Ohio, (given in the names of Elizabeth Boutselis, William E. Copeland, Jr., M.D., Donald Bryan, M.D., Garth Essig, M.D., Frederick Schweizer, M.D., J. Hutchison Williams, M.D., Roberto Villalon, M.D., William Rigsby, M.D. and Richard O'Shaughnessy, M.D.), for EPR-OBS Fund.

\$11,000.00 - The E. F. Wildermuth Foundation, Columbus, Ohio, for Kathryn M. and E. F. Wildermuth Memorial Fund.

\$10,746.44 - Consolidated Business Services, Inc., c/o Professional Management Association, Columbus, Ohio: \$5,702.47 for Department of Medicine General Fund and \$5,043.97 (given in the name of Michael Whitcombs, M.D.) for College of Medicine Progress Fund.

\$10,357.50 - Mrs. T. H. Carruthers, III, Cincinnati, Ohio, [120 shares of The Procter and Gamble Company stock], for Carruthers Dairy Science Educational Fund.

\$10,000.00 - Buurma Brothers, Willard, Ohio, (given in the name of Frank Buurma), for Muck Crops Vegetable Research Fund.

\$10,000.00 - Christine D. Cline, Toledo, Ohio, [280 shares Northwest Ohio Bancshares, Inc. stock], for Arthur R. and Christine D. Cline Fund for the College of Law.

\$10,000.00 - The Goodyear Tire and Rubber Company, Akron, Ohio, for the Canter's Cave 4-H Camp Fund.

\$10,000.00 - Jay Hall, Jr., Cheshire, Ohio, for the Canter's Cave 4-H Camp Fund.

\$10,000.00 - Oncology Immunology Lab, c/o John Peter Minton, Columbus, Ohio, for Cancer Research Fund.

\$10,000.00 - O. M. Scott and Sons, c/o Le Herron, Marysville, Ohio, for Ohio 4-H Club Foundation Fund.

\$9,850.00 - The Charles F. High Foundation, c/o Charles L. Wiles, Jr., Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$9,750.00 - William M. France, Lancaster, Ohio, for the Department of Athletics Discretionary Fund.

\$9,500.00 - Katherine E. Parrett Trust, c/o John S. Bath, Washington C. H., Ohio, for Katherine E. Parrett Fund.

\$9,161.00 - Merrell National Laboratories, Cincinnati, Ohio, for Gastroenterology Research Fund.

\$8,567.42 - Department of Medicine Associates, c/o Professional Management Associates, Columbus, Ohio, for Department of Medicine General Fund.

\$7,842.00 - The Grace High Washburn Trust, c/o Mr. Charles Wiles, Jr., Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

\$7,500.00 - The City National Bank and Trust Company, Columbus, Ohio: \$5,000.00 for Administration Cost Saving Award and \$2,500.00 for Minority Assistance Program in the College of Administrative Science.

\$7,500.00 - Merck and Company, Inc., Rahway, New Jersey, for Mycobacterial Research Fund.

\$7,414.09 - C. Glenn Barber Foundation Trust, c/o Creighton B. Murch, Cleveland, Ohio, for C. Glenn Barber Foundation Trust.

\$7,000.00 - William E. Baker, Worthington, Ohio, for Kenesaw S. Shumate Memorial Fund.

\$7,000.00 - Helen E. Hill, Hamilton, Ohio, for Edmund M. Spieker Memorial Fund.

\$6,125.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, for Infectious Disease Research Fund.

\$6,000.00 - Consumer Guild Foods, Inc., Toledo, Ohio, (given in the name of Ann M. Ascham), for Consumer Guild Foods Graduate Research Fund in Emulsified Foods.

\$6,000.00 - Diamond Shamrock Corporation, Cleveland, Ohio, for Diamond Shamrock Fund in Chemical Engineering.

\$6,000.00 - Ohio Florists' Association, Columbus, Ohio, for Ohio Florists' Association Fellowship Fund.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$6,000.00 - OSU Optometry Alumni Association, Worthington, Ohio, for Optometry Research Fund.

\$6,000.00 - Richland County Foundation, c/o Mrs. Betty J. Crawford, Mansfield, Ohio, for Mansfield Campus Support Fund.

\$5,859.40 - Lazarus, Columbus, Ohio, for WOSU Support Fund.

\$5,800.00 - Phi Delta Kappa, Bloomington, Indiana, for Phi Delta Kappa Fund.

\$5,752.00 - Association of American Railroads, c/o Keith L. Hawthorne, Director, Safety Research and Applied Technology, Chicago, Illinois, for Railroad Safety Research Fellowship.

\$5,670.00 - Nelson Lancione, Columbus, Ohio, [84 shares of Honeywell, Inc. stock], for John B. and Elizabeth Lancione Memorial Scholarship.

\$5,657.64 - Trust Under the Will of Harry Brakeman, c/o Barnitz Bank, Middletown, Ohio, for Harry and Ethel Brakeman Memorial Scholarship Fund for Optometry students.

\$5,612.50 - Mead Johnson and Company, Evansville, Indiana, for Menapausal Patient Follow-up Project.

\$5,467.73 - Joseph L. Bitonte, Columbus, Ohio, for Operation Eye Research Fund.

\$5,384.46 - The Greek Government, Columbus, Ohio, for Modern Greek Studies Fund.

\$5,000.00 - Arnar-Stone Laboratories, Inc., McGraw Park, Illinois, for Clinical Pharmacology Fund.

\$5,000.00 - John G. Boutselis, M.D., Columbus, Ohio, for EPR-OBS Fund.

\$5,000.00 - Florence Jeffrey Carlile Fund, Columbus, Ohio, for WOSU Support Fund.

\$5,000.00 - Chrysler Corporation Fund, Detroit, Michigan, for Chrysler Corporation Scholarship in Engineering.

\$5,000.00 - Clow Foundation, Oak Brook, Illinois, for Harkers Fund.

\$5,000.00 - Consumers Power Company, Jackson, Michigan, for Consumers Power Company Grant-in-Aid Fund.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - John P. Courtright, Jr., Marion, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Ford Motor Company Fund, Dearborn, Michigan, for Corporate Associates.

\$5,000.00 - Mrs. Robert A. Frevert, Clayton, Missouri, for The Robert Andrew, R. Branson and Philene E. Frevert Medical Research Memorial Endowment.

\$5,000.00 - The George Gund Foundation, Cleveland, Ohio, for Ohio 4-H Foundation Support Fund.

\$5,000.00 - Helen Coast Hayes, Portland, Ohio, for Operation Eye Research.

\$5,000.00 - Fred A. Hitchcock, Columbus, Ohio, for Fred A. Hitchcock Professorship in Environmental Physiology Fund.

\$5,000.00 - Clair E. Jones, Wauseon, Ohio, for Ohio 4-H Club Foundation Fund.

\$5,000.00 - Melvin E. Moffitt Estate, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.

\$5,000.00 - Ohio Education Association, Columbus, Ohio, for Commission on Inter-professional Education and Practice.

\$5,000.00 - Ohio Quarter Horse Association, Inc., Richwood, Ohio, for Ohio Quarter Horse Finley Farm Building Project.

\$5,000.00 - Mrs. Maude R. Osborne, Columbus, Ohio, for Ophthalmology Teaching Fund.

\$5,000.00 - Phillips Petroleum Foundation, Inc., Bartlesville, Oklahoma, for Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Porthouse Foundation Income Account, c/o Cyril R. Porthouse, Kent, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Serb National Federation, c/o Robert R. Stone, Pittsburgh, Pennsylvania, for Hilandar Research Fund.

\$5,000.00 - J. Ewing Smith, Bellefontaine, Ohio, for College of Law Advancement Fund.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind

\$105,443.00 - Mrs. Mildred A. Wiant, Delaware, Ohio, 744 pieces of Chinese Art.

\$100,426.00 - Sadye Kaplan Foundation, George, Greek, King, McMahon & Company, Columbus, Ohio, Sadye Kaplan Jewelry Collection and Sadye Kaplan Silver Collection.

\$50,011.00 - Astro-Arc Company, Sun Valley, California, automatic pipe and tube welding system.

\$25,000.00 - Milton A. Caniff, Palm Springs, California, five scrapbooks containing the master file of Terry and the Pirates.

\$12,000.00 - Ron Vannes, Galien, Ohio, quarter horse colt to be housed in the College of Agriculture.

\$10,000.00 - Ray S. Dwelle, Prospect, Kentucky, thirteen-year old mare to be housed in the College of Agriculture.

\$5,000.00 - John A. Fogle, Indianapolis, Indiana, Morgan gelding to be housed in the College of Agriculture.

Establishment of Named Funds

The Greek Affairs Education Fund

The Greek Affairs Education Fund was established March 2, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from undergraduate and alumni members of the social fraternities and sororities hosted by the University. In addition, gift support from the Ohio State chapters' national organizations, parents and friends of the interfraternity system at Ohio State has been received.

These gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal is to be used to provide support for the general activities of the Greek Affairs office. The Coordinator of the Greek Affairs office may initiate disbursement requests using the monies available for student and alumni training programs, resource and educational materials, group counseling activities, seminar and teaching aids expenses and other authorized program needs. All such disbursements shall be made under the pertinent policies promulgated by the Office of Student Services.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Greek Affairs Education Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student service programs.

William E. Quicksall Memorial Scholarship in Civil Engineering

The William E. Quicksall Memorial Scholarship in Civil Engineering was established March 2, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from William E. Quicksall and H. Paul Quicksall in honor of their late father William E. Quicksall.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal is to be used to provide scholarships for one or more students in the undergraduate degree program of Civil Engineering. First preference shall be given to students who are residents of Tuscarawas, Harrison, Carroll, Jefferson or Holmes counties and, in turn, other Ohio residents. Recipients may apply for and receive a first renewal of the scholarship. The selection of the recipient shall be made by the University Committee on Student Financial Aids. Candidates may be recommended and endorsed by the Department of Civil Engineering and its chairman.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for civil engineering.

Eunice J. Wertenberger Fund

The Eunice J. Wertenberger Fund was established March 2, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Eunice Jones Wertenberger, B.S.H.E. '26, a member of the faculty of the School of Home Economics from 1944 through 1964.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as the case dictates.

March 2, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Eunice J. Wertenberger Fund (contd)

Two-thirds of the annual income is to be available for professional use and development of the Department of Human Nutrition and Food Management as deemed desirable by the Department's Chairperson. The remaining one-third is to be used at the discretion of the Director of the School of Home Economics in support of professional needs of the School.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the study of home economics.

The Robert M. Augspurger Memorial Scholarship Fund

The Robert M. Augspurger Memorial Scholarship Fund was established March 2, 1979, by the Board of Trustees of The Ohio State University with gifts from family, colleagues and friends in memory of Robert M. Augspurger, B.S. '63, M.D.'72, late of Syracuse, New York, to provide financial aid for gifted medical students planning to specialize in psychiatry.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the endowment is to be presented to a third-year medical student, selected by the Dean of the College of Medicine, on the basis of academic ability. If a student cannot be found in any given year who demonstrates an interest in psychiatry and who has excelled in course work, the Dean of the College may present the scholarship to another worthy student in a field other than psychiatry.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for psychiatric education.

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March 2, 1979 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER

NORTH DORMITORIES, RETROFITTING OF HVAC SYSTEM

Resolution No. 79-103

Synopsis: Improve existing heating, ventilating and air conditioning systems by installation of controls, zoning and electronic monitoring devices. These improvements will result in energy savings and improvement of occupant comfort.

WHEREAS the North Dormitory complex was constructed between 1960 and 1964 and the heating, ventilating and air conditioning systems installed were not energy-efficient systems as are currently specified; and

WHEREAS improvements in the systems by the installation of control valves, establishing heating and cooling zones within the building and installation of electronic sensing devices sending data to microprocesses in each building will result in considerable energy savings and also improve comfort levels for building occupants:

NOW THEREFORE

BE IT RESOLVED, That the firm of Philip E. Absi and Associates of Columbus, Ohio be employed to provide complete engineering services for this project including preliminary plans, basic drawings, specifications, estimates of cost, necessary bidding documents, and supervision of construction; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost being \$346,000.00 financed by a Housing and Urban Development loan to The Ohio State University Residence and Dining Halls.

Upon motion of Mr. Devenow, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 79-104

Synopsis: Plans and specifications have been completed for eight projects and are recommended for approval.

WHEREAS at the request of the Acting Vice President for Business and Administration the plans and specifications, bills of materials and estimates of cost for the following projects are presented for approval:

March 2, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

HOUSING FACILITIES--SMOKE DETECTOR INSTALLATIONS

Project: Smoke detector installations will be installed to comply with requirements of H.B. 226, enacted by the General Assembly and incorporated into the Ohio Revised Code for installation of automatic smoke detector systems in dormitory buildings which exceed 75 feet in height and which do not have a conforming automatic smoke detector system or sprinkler system.

Funding: Budget Account 885080 (Dormitory Revenue Funds)

Estimated Project Cost: \$2,887,458.75

ORTON HALL RENOVATION

Project: This building was constructed in 1893. The major renovation work for this project will include correction of deteriorated ground floor slab, improvement of building electrical and plumbing services, remedy of certain conditions to comply with current building codes, and provision of safety systems, exterior repairs, central heating and ventilating system, and accessibility for the physically handicapped.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium) (\$1,170,000) and Ohio Board of Regents Safety Funds (\$28,500)

Estimated Project Cost: \$1,198,500.00

CLASSROOM IMPROVEMENTS (PHASE II)

Project: Improvements to meet contemporary standards in classrooms and lecture halls in Botany and Zoology Building, McPherson Laboratory, Ramseyer Hall and Stillman Hall.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$300,000.00

March 2, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

**NORTHWOOD SCHOOL, HANDICAPPED BARRIER REMOVAL
(University Community Services Center)**

Project: Eliminate physical barriers for use of this facility by the physically handicapped which is leased to the Northend Community Center Corporation as a not-for-profit community center.

Funding: H.B. 618, Item 315-130 (University Community Services Center--\$100,000) and City of Columbus, Department of Development--\$155,000

Estimated Project Cost: \$255,000.00

MEDICAL PARKING RAMP--MASONRY REPAIRS AND RESEALING

Project: Repairs to concrete and application of waterproof coating on the top deck, south half of parking ramp. These repairs are necessary due to deterioration.

Funding: Budget Account 885071 (Parking Revenues)

Estimated Project Cost: \$147,000.00

NATURAL GAS LINE PROTECTION (PHASE I)

Project: Provide cathodic protection on 11,000 feet of gas distribution lines which will reduce corrosion of pipes.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$130,000.00

DENTISTRY LABORATORIES RENOVATION (ORAL SURGERY)

Project: Provide additional clinic chairs, alteration and renovation of two surgery areas, recovery suite and the oral surgery department's administrative area.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$127,000.00

March 2, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ST. JOHN ARENA, REPAIR OF STEAM LINE

Project: Repairs and improvements to the steam distribution line serving the arena, field house and ice rink.

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$100,000.00

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to sign the plans and specifications for these projects, and if satisfactory bids are received, to recommend the award of the necessary contracts in accordance with the established University procedures, and that this action be reported at a later meeting.

Upon motion of Mr. Devenow, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 79-105

Synopsis: Contracts have been awarded for two projects to the lowest and best bidders in accordance with University procedures.

WHEREAS the resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Secretary of the Board of Trustees to sign the plans and specifications, and for the President and/or Acting Vice President for Business and Administration to request bids and recommend awards, in accordance with the established University procedures for the following projects:

CANCER CENTER

Description: Continuation of a two-story vertical expansion at the south end of Wiseman Hall to provide laboratory facilities to house current and anticipated research programs in cancer research.

March 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

CANCER CENTER (contd)

General Contract

Date Received:	January 9, 1979
No. of Bids:	5
Low Bid:	\$1,483,800.00* **
High Bid:	\$1,581,000.00
Estimate of Cost:	\$1,300,000.00
Awarded to:	The Setterlin Company (Columbus, Ohio)

Plumbing Contract

Date Received:	January 9, 1979
No. of Bids:	5
Low Bid:	\$ 203,000.00* **
High Bid:	\$ 232,000.00
Estimate of Cost:	\$ 200,000.00
Awarded to:	Duckworth Plumbing Company, Inc. (Canal Winchester, Ohio)

Heating, Ventilating and Air Conditioning Contract

Date Received:	January 9, 1979
No. of Bids:	2

*Less Negotiated Reductions.

**General, Plumbing, Heating, Ventilating and Air Conditioning, and Electrical Contracts are in excess of the estimate of cost; however, the total price of all contracts is within 10 per cent above the total estimate of cost and are therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

March 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

CANCER CENTER (contd)

Heating, Ventilating and Air Conditioning Contract (contd)

Low Bid:	\$ 533,000.00**
High Bid:	\$ 548,976.00
Estimate of Cost:	\$ 500,000.00
Awarded to:	J. A. Guy, Inc. (Columbus, Ohio)

Electrical Contract

Date Received:	January 9, 1979
No. of Bids:	4
Low Bid:	\$ 303,700.00* **
High Bid:	\$ 421,741.00
Estimate of Cost:	\$ 300,000.00
Awarded to:	The Electric Power Equipment Co. (Columbus, Ohio)

Total All Contracts: \$2,523,500.00

Total Contingency Allowance: \$ 39,705.65 which is 1.5 per cent of construction costs

Total Project Cost: \$2,781,875.00

Funding: H.B 618, Item 315-119 (1977-79 Biennium) \$1,000,000
and National Cancer Institute Grant \$1,681,875 and Local
Funds \$100,000

*Less Negotiated Reductions.

**General, Plumbing, Heating, Ventilating and Air Conditioning, and Electrical Contracts are in excess of the estimate of cost; however, the total price of all contracts is within 10 per cent above the total estimate of cost and are therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

March 2, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

ELECTRICAL DISTRIBUTION IMPROVEMENTS

Description: Provide alternate 13.8KV electric power service which will improve reliability, reduce duration of outages, and allow improved maintenance procedures. The alternate power will allow the buildings to be re-energized immediately on failure of service to the buildings. This project will complete alternate service to campus buildings served by the 13.8KV system. A second phase of this work will be bid in the Spring of 1979 to expend the remaining funds allowed for this work.

Electrical Contract

Date Received:	January 19, 1979
No. of Bids:	4
Low Bid:	\$199,750.00*
High Bid:	\$327,291.00*
Estimate of Cost:	\$293,000.00*
Awarded to:	Jess Howard Electric Company (Blacklick, Ohio)
Total Contract:	\$199,750.00
Total Contingency Allowance:	\$ 7,987.50 which is 3 per cent construction costs
Total Project Cost:	\$212,485.63
Funding:	H.B 618 (Utilities and Renovation, 1977-79 Biennium)

* Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to previous actions of the Board, construction projects were bid, contracts were recommended for award, establishment of contingency funds and expenditure of project funds are hereby reported.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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March 2, 1979 meeting, Board of Trustees

**LAND USE AGREEMENT--INDUSTRIAL COMMISSION OF OHIO AND
THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY**

Resolution No. 79-106

Synopsis: Location of a Disability Prevention Center on The Ohio State University campus.

WHEREAS the Industrial Commission of Ohio and the administration of The Ohio State University have agreed that it would serve the best interests of both parties as well as the citizens of Ohio to locate a new Disability Prevention Center convenient to the University's Health Sciences Center so as to provide the fullest possible educational and research opportunity for the students and faculty of the University as well as services to the citizens of Ohio; and

WHEREAS, under a cooperative proposal, The Ohio State University would make available to the Industrial Commission of Ohio, under terms and conditions to be determined, a parcel of University land, situated near the intersection of Carmack Road and Kenny Road, on which to construct the Disability Prevention Center:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to negotiate with the Industrial Commission of Ohio the terms and conditions under which such land use shall take place and to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University in negotiating the necessary legal instruments for such land use, subject to final approval of the Board of Trustees of The Ohio State University.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution with seven affirmative votes and Mr. Smith abstained from voting.

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PRESIDENT ENARSON'S REPORT

HEALTH FIELD ISSUES UNRELATED TO PRACTICE PLAN

I have two items in the time devoted to the President's Report. One is an impromptu item dealing with issues in the health field unrelated to the Practice Plan and the other is Budget Guidelines for 1979-80. Briefly, I think in our understandable concern with the controversy relating to the Practice Plan, we tend to almost lose sight of some of the extraordinarily difficult issues confronting this and other universities in the whole range of the health sciences. You will recall that at our last meeting, we reported on the 'federal network,' a system internal to the University in which we monitor federal legislation. Well, believe it or not, the system works. We have word through the system that the United States House of Representatives will vote this coming Tuesday on whether to rescind \$20 million in medical/dental capitation and \$38.8 million in nursing capitation and

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

HEALTH FIELD ISSUES UNRELATED TO PRACTICE PLAN (contd)

other nurse training support. These are FY 79 funds. We estimate the loss here at Ohio State to be \$405,000 in medical/dental support and probably enough in nursing to bring the total loss to the University to a half million dollars or more. So, first thing this morning we sent a Mailgram to the entire Ohio delegation. It reads as follows:

'We urge you to vote against proposed rescissions of FY 79 capitation funds for medical and nursing students. Estimate Ohio State would lose at least \$500,000; other Ohio schools of medicine, dentistry, osteopathy, nursing also would be hurt. Such major midyear cuts disrupt programs and work hardship on students. We appreciate your help by opposing rescission.'

So we are doing our best to alert the Ohio delegation and we hope that if enough university presidents throughout the country send similar wires that perhaps there is a possibility that at least we can delay the cut of capitation fundings. And I cannot tell you how discouraging it is to see this University enter into solemn pacts with the federal government to beef up our health science programs only to discover that the federal government has lost interest. It is equally discouraging to find no real interest and no real sympathy in the Ohio Board of Regents and, I take it, in the General Assembly, for the restoration of even part of the dollars to be lost on capitation.

I detest readings of documents, particularly documents that deal with budgets. The statement before you is singularly uninspiring, but that in no way detracts from its importance. The document before you is entitled, 'Budget Guidelines for 1979-80.' I thought it essential to work from a written document since there is such understandable interest and concern in budget throughout the entire University community.

BUDGET GUIDELINES FOR 1979-80 Progress Report by President Enarson

Although the fate of higher education funding for the upcoming biennium is still being considered in the General Assembly, the University must begin its budget preparation activities for the coming year. We have during the past few weeks spent time analyzing the Governor's Executive Budget for 1979-81, introduced in the General Assembly as House Bill 204. Along with Chancellor Moulton and several other Presidents, I have already testified before the House Finance/Appropriations Committee and we have begun our discussions with student and faculty leaderships in preparation for release of our 1979-80 budget guidelines.

As you may be aware, H.B. 204 proposes a total allocation of \$1.5 billion for higher education in the upcoming biennium, a decrease of approximately \$100 million from the funding level proposed by the Board of Regents.

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

BUDGET GUIDELINES FOR 1979-80 Progress Report by President Enarson (contd)

Although we are concerned about several line items in the appropriations bill, we are following with greatest interest the section of that bill dealing with student-based subsidies for higher education. Those student-based subsidies account for approximately 75 per cent of higher education's appropriation and provide the core support that colleges and universities receive from the state. These student-based subsidies are developed by combining projected appropriations for student enrollments in each of the 16 subsidy categories into which our various courses of instruction are classified.

In H.B. 204, funding levels for the student-based subsidy models have been increased over 1978-79 levels to cover a portion of the inflationary cost increases that will be faced by colleges and universities. For those institutions with stable enrollments, the models have been designed to provide a 7 per cent increase in state funding for the first year of the biennium and a 6 per cent increase for the second year. Although H.B. 204 contains some budgetary protection for institutions suffering enrollment declines during the next two years, colleges and universities that experienced decreases in enrollment in 1977-78 or 1978-79 would receive smaller increases and, in some instances, decreases in state funding from 1978-79 levels.

Given the preceding funding recommendations, the varied situations at institutions across the state, and a current inflationary rate in excess of 9 per cent, the following issues will be significant as the colleges and universities prepare for the coming year.

- The Executive Budget was drafted with the assumption that increases in student fees will be necessary. Not only will students be expected to increase their payments to match the state increases, but increases in student fees will have to be considered to fund a portion of the gap that exists between the current inflationary rate of 9 per cent and the 7 and 6 per cent levels of increase contained in the Executive Budget.
- The differing enrollment experiences at various institutions have raised questions about special funding for those institutions particularly hit hard in the upcoming biennium. If funds are provided to shelter those institutions further, there is some possibility that resources from the general student-based subsidy pool might be reduced and stable institutions might receive less than the 7 per cent and 6 per cent increases contained presently in H.B. 204.

Against this uncertain background about state funding for higher education, I will attempt to provide a status report on OSU's 1979-80 budget plans. I will deal primarily with the unrestricted general funds of the University, those funds over

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

BUDGET GUIDELINES FOR 1979-80

Progress Report by President Enarson (contd)

which the University has direct allocation control and that provide the primary support for our core academic programs and administrative offices. During the 1978-79 fiscal year, the sources of income for the unrestricted general fund are as follows:

- Student-based subsidies (62 per cent)
- Student fees (31 per cent)
- Other sources, e.g., unrestricted endowment, indirect cost recovery from grants and contracts returned from cash management program (7 per cent).

In the second quarter budget revision passed by this Board on February 2, the 1978-79 unrestricted funds of the University totaled approximately \$191 million.

This report will be confined to the funding issues facing the Columbus Campus, although the proposed guidelines will apply to the regional campuses as well. Each regional campus presents a unique budget picture that is currently under staff analysis.

The total financial health of the institution also depends on the solvency of the other components of the budget, e.g., the earnings and restricted funds budgets. But in those categories, we require that the operations generally acquire enough funds to support their own activities--through earnings, gifts, or sponsored projects--and we deal with each operation separately to achieve the required solvency through management or through fund-raising efforts. These earnings and restricted fund operations do not encumber our general unrestricted funds at present, except as the University recognizes some specific educational services performed, and it will be unnecessary for us to give detailed attention to them here. We are fortunate that this situation prevails; many universities face annually a drain of unrestricted funds into such areas as intercollegiate athletics and residence halls. I should note here that the 1979-80 budget plans for the residence and dining halls operations will be discussed today at the meeting of the Student Services Committee.

Estimated Changes in Unrestricted Resources.

H.B. 204 would provide an increase of approximately \$11.3 million in student-based subsidies to the Columbus unrestricted general funds for 1979-80. This increase is 9.6 per cent higher than the 1978-79 subsidy level of \$118.2 million provided by the state. This would then result in an increase of 5.9 per cent to the total unrestricted general fund of \$191 million.

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

BUDGET GUIDELINES FOR 1979-80 Progress Report by President Enarson (contd)

Because of the enrollment bases that were established in 1977-78 and 1978-79, and because of technical adjustments made by the Regents to correct funding inequities in the subsidy models used during the current biennium, the 1979-80 increase for the OSU Columbus campus exceeds the 7 per cent adjustment made generally to the subsidy models. Unfortunately, the past inequities in funding have also resulted in the need for catch-up expenditures that will be necessary during the next few years in such areas as equipment replacement and graduate associate stipends.

We expect additional increases to the unrestricted general fund to come from the annualization of fee increases that were imposed in the autumn of 1978. As you may recall, combined instructional and general fees were raised for undergraduate students by \$20 per quarter in 1978-79 and other fees were similarly increased. The increase became effective in the autumn quarter and thus additional revenue increases are anticipated for the coming year when those changes are effective for summer quarter. This annualization should result in an increase of approximately \$360,000 to the unrestricted general fund.

We anticipate also an increase of \$645,000 in other income gained from our cash management program, indirect cost recovery, and unrestricted endowment.

In the aggregate, these estimated changes in available unrestricted funds total \$12,520,200, a 6.5 per cent increase in the unrestricted funds available for allocation. These projections are, of course, contingent upon maintenance of the funding levels proposed in H.B. 204 which is still under consideration in the General Assembly.

Key Considerations in Budget Costs.

Given the projections of available resources, the University's budget for 1979-80 must be approached with the knowledge that no new funds will be available for program improvement and that a high priority must be accorded the maintenance of necessary existing activities in the face of inflationary pressures. In the unlikely event that inflation recedes to the 6 to 7 per cent rates of H.B. 204, we would still be in the position of attempting to do more with less. After several years of eroding purchasing power, we have a major backlog of equipment replacement needs to restore adequate instrumentation in scientific laboratories and a library that has been underfunded for years. Stipend adjustments must be made for some groups, such as graduate teaching associates, whose compensation has not received adequate adjustment for several years. We do plan to make much needed improvements in some categories in which we have fallen behind, but the resources to fund these catch-up activities will be derived from internal savings and from the reallocation of resources among colleges and offices.

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

BUDGET GUIDELINES FOR 1979-80

Progress Report by President Enarson (contd)

1. Several mandated cost increases must be faced by the University for 1979-80 prior to any consideration of budget allocation decisions. Increased costs of fringe benefits for the staff, utility rate increases, salary rate increases for classified staff as mandated by the General Assembly, and several other expenses--e.g., minimum wage increases for student employees and the replacement of capitation fund losses in the Health Sciences--will require an expenditure of an additional \$6.6 million for 1979-80. These mandated costs exceed the rate of inflation observed in the general economy and will severely limit the flexibility we have in meeting other commitments.
2. We must also consider now the guidelines for salary adjustments to be made for faculty and administrative and professional staff for the coming year. In developing our salary guidelines we have conferred with the Faculty Compensation and Benefits Committee whose report was presented to the Board's Educational Affairs Committee earlier during this Trustees' session. Although the Committee presents a strong case for a major increase in compensation to offset losses in purchasing power sustained by faculty and staff during the past two years, the Committee recommends that the University comply with the wage and price guidelines established by the Carter administration.

We appreciate the thoughtful consideration given this issue by the Faculty Compensation and Benefits Committee, and propose that the University adhere to the wage and price guidelines by establishing a University target that would allow for a 7 per cent increase in average salaries for faculty and administrative and professional staff. Given staff turnover and a practice of hiring junior personnel to replace retiring or resigning staff members, we may be able to increase the salaries of continuing faculty and staff slightly more than the 7 per cent average increase contained in the federal guidelines and assumed in the Governor's Executive Budget.

I truly hope that the national effort to contain inflation is successful so that our faculty and staff will not suffer significant erosion in their purchasing power. It is heartening to have the support of the Faculty Compensation and Benefits Committee as we participate in this national effort.

3. We will continue to study the remaining components of the budget prior to establishing final guidelines and fee schedules for the coming year. In this effort, we are determined to keep any fee increases as low

March 2, 1979 meeting, Board of Trustees

PRESIDENT ENARSON'S REPORT (contd)

BUDGET GUIDELINES FOR 1979-80
Progress Report by President Enarson (contd)

as possible while maintaining present quality in our programs and services. However, I will point out that the purchasing power of fees established for 1978-79 has already eroded as the year has progressed, and that salaries in private enterprise and governmental operations outside the University have increased more rapidly during the past few years than have University salaries, expenditures, and student fees. Although it will be a difficult task, we are committed to continuing that trend in which students pay a decreasing share of the cost of the University's operation, even if the reduction in that share is slight. In discussions with student leaders, we have promised to work with them to accomplish the objective of fees comprising a smaller portion of the University's resources.

I will keep the Board informed as further developments occur in our budgeting process.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-107

RESOLVED, That the report on the University's Investment Portfolio, dated February 16, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, April 6, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 10:30 a.m.

Attest:

Madison H. Scott
Secretary

Howard D. Sirak
Chairman

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APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 16, 1979

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The Recipients of Honors

Rupert Lloyd Atkin Doctor of Science

Renowned mechanical engineer and alumnus of this University, Rupert Lloyd Atkin is widely acknowledged as a leading figure in the field of automotive technology. His pioneering inventions and numerous patents reflect the singular role he has played in making automobiles safer for drivers and passengers. His eminence and influence in the field of engineering have been recognized nationally and internationally by his election to the National Academy of Engineering. For a career of great distinction he has earned the ultimate tribute—the high regard of his professional colleagues.

Melvin S. Newman Doctor of Science

The world of chemistry and, indeed, the world at large have been changed and made better by Melvin S. Newman's imagination and excellence as a research scholar and by his dedication and creativity as a teacher. His many contributions to chemical education and research, spanning more than 40 years of service at this University, stand in permanent testimony to a career of great distinction. International acclaim and high honors have followed, including membership in the National Academy of Sciences. He embodies the scholar's life in its fullest measure, devoted to the advancement of knowledge and the enrichment of mankind.

Graduate School

Dean: Jules B. Lapidus

Doctor of Philosophy

Reinaldo Ignacio Adams, Cerro Largo-RS, Brazil; B.S. (Federal University of the Rio Grande do Sul); *Agricultural Economics and Rural Sociology*; Dr. Norman Rask

Paul David Amer, Bronx, N. Y.; B.S. (State University of New York at Albany); M.S.; *Computer and Information Science*; Dr. James B. Randels

Wana Tine Archer, Muskogee, Okla.; B.S. in Ed. (Southern Illinois University); M.R.E. (Southwestern Baptist Theological Seminary); *Education*; Dr. William D. Dowling

William Lee Bainbridge, Steubenville; B.S.Ed. (Ohio University); M.S.Ed. (University of Akron); *Education*; Dr. Raphael O. Nystrand

Vinod Bapalal Bavishi, Ahmedabad, India; B.Com. (Gujarat University); M.B.A. (Wright State University); M.Acct.; *Business Administration*; Dr. David A. Ricks

Steve Matthew Benner, Wiggins, Mass.; B.S.Ch.E., M.S.; *Chemical Engineering*; Dr. Robert S. Brodkey

Jane Emch Beougher, Wadsworth; B.S.Ed., M.Ed. (Bowling Green State University); *Physical Education (Health Education)*; Dr. Robert Kaplan

Reginald Bess, Yukon, W. Va.; B.S.Ed. (West Virginia State College); M.A.; German; Dr. Johanna S. Belkin

Howard Norman Bockbrader, Columbus; B.S.; *Pharmacy*; Dr. Richard H. Reuning

Reginald Broadnax, Tulsa, Okla.; B.A. (Wilmington College); M.A. (Kent State University); *Education*; Dr. Anthony O. Olinzock, Dr. Aaron J. Miller

Timothy Kent Broschat, New Rockford, N. D.; B.S. (North Dakota State University); M.A. (University of Kansas); *Horticulture*; Dr. Harry K. Tagama

Robert Ignatius Brown, St. Louis, Mo.; B.S., M.Ed. (Saint Marys College); *Education*; Dr. Robert R. Bargar

Robert Gregory Browning, Meadville, Pa.; B.G.S. (Ohio University); *Education*; Dr. Bernard Mehl

Marsha Jean Buckalew, Columbus; B.A. (University of North Carolina); M.A. (University of East Anglia); M.A.; *Psychology*; Dr. Richard K. Russell

Anna Marie Burford, Glasgow, Ky.; B.S., M.A. (Western Kentucky State); *Education*; Dr. Mildred C. Hillestad

Ling May Chen, Taipei, Taiwan, R.O.C.; B.S. (Fu-Jen University); M.S. (East Stroudsburg State College); *Horticulture*; Dr. Andrew C. Peng

Gary Carlos Cornia, Charlotte, NC; B.S. (Weber State College); M.S. (Utah State University); *Public Administration*; Dr. Frederick D. Stocker

Thomas Joseph Cousineau, Chicago, IL; B.S. (University of Illinois); *Chemistry*; Dr. John A. Seerist

Habibullah Dada, Kama, Afghanistan; B.S. (Kabul University); M.S.Ed. (University of Wisconsin); *Agricultural Economics and Rural Sociology*; Dr. G. Howard Phillips

Mary I. De Angelis, New Boston; B.S.Ed. (Ohio Dominican College); M.Ed. (Duquesne University); *Education*; Dr. Anthony C. Riccio

Nitin Desai, Bangalore, India; B.Sc. (Bangalore University); M.Sc. (University of Mysore); M.S.; *Food Science and Nutrition*; Dr. Paul M. T. Hansen

Stephen Harris Dunhoff, Columbus; B.A., M.A. (Pennsylvania State University); *Psychology*; Dr. Harold B. Pepinsky

Stanley Francis Duobinis, Baltimore, MD; B.S. (University of Maryland); M.A.; *Economics*; Dr. Wilford L. L'Esperance

Lewis Michael Evans, Huntington, WV; A.B., A.M. (West Virginia University); *Education*; Dr. Edward D. Allen

Edward David Farber, Jersey City, NJ; A.B. (Rutgers University); M.A.; *Psychology*; Dr. Malcolm M. Helper

Edward Forest Fern, Toledo; B.S. Ed., M.B.A.; *Business Administration*; Dr. Frederick D. Sturdivant

Eve Prout Fetzek, Columbus, IN; B.A., M.A.; *Education*; Dr. Donald R. Bateman

Michael Alan Forman, Columbus; A.B., M.S. (Indiana University); *Education*; Dr. Donald J. Tosi

John Michael Gardlik, Curry, PA; B.S. (Indiana Institute of Technology); *Chemistry*; Dr. Leo A. Paquette

Thomas Kent Gearhart, Huntington, IN; B.S.Ed. (Ball State Teachers College); M.S.; *Mathematics*; Dr. Norman Levine

Theodore Lee Glenn, Ashland; B.Agr.E., M.Sc.; *Agricultural Engineering*; Dr. Henry J. Barre

Dr. Mohamed Y. Hamdy

Joseph Graham Glynn, Snyder, NY; B.A., M.B.A. (University of Rhode Island); *Business Administration*; Dr. Fred E. Kindig

Davina Jeannette Gossnell, Youngstown; B.S.Nur. (University of Pittsburgh); M.S.; *Education*; Dr. David L. Boggs

Marilyn Stauff Griesemer, Gaithersburg, Md.; B.S., M.A.; *Psychology*; Dr. George G. Thompson

Neil Charles Griffen, Batavia, NY; B.S. (State University College); M.S. (Pennsylvania State University); *Physics*; Dr. Clifford V. Heer

Charles Mark Hamilton, Salt Lake City, UT; B.A. (Brigham Young University); M.A. (University of Utah); *History of Art*; Dr. Mathew Herban

Hadia Habib Harb, Ain-Anoub, Lebanon; B.A. (Beirut College for Women); M.A.; *Education*; Dr. Edward D. Allen

Grenetta McKinstry Harris, Birmingham, AL; B.A. (Stillman College); A.M. (Indiana University); *Microbiology*; Dr. Robert M. Pfister

Karen Hensel Heiser, Columbus; B.A.; M.S.; *Home Economics*; Dr. Jean D. Dickerscheid

Mark Steven Holtman, Dayton; B.Sc. (University of Dayton); M.S. (Wright State University); *Chemistry*; Dr. Eugene P. Schram

Alga Broadwater Hough, Philadelphia, PA; B.S., M.Ed. (Temple University); *Home Economics*; Dr. Fern E. Hunt

Bruce Edward Hust, Bridgeport, CT; B.A. (University of Connecticut); M.A.; *Psychology*; Dr. George G. Thompson

Linda McDonnell Ingraham, Rochester, NY; B.A., M.A.; *Psychology*; Dr. Fred L. Damarin

Susan Klem Jackson, Durham, NC; B.A. (Wellesley College); M.A. (Middlebury College); *Romance Languages and Literatures*; Dr. Ronald C. Rosbottom

Gavin Dale Jenney, Waverly, NY; B.S.M.E. (Lafayette College); M.S. (University of Rochester); *Mechanical Engineering*; Dr. Ernest O. Doebelin

Danny Lynn Jorgensen, Columbus; B.S. (Northern Arizona University); M.A. (Western Kentucky University); *Sociology*; Dr. Roscoe C. Hinkle

Barbara Greiner Keller, Detroit, MI; B.A., M.A. (Miami University); *Romance Languages and Literatures*; Dr. Charles E. Carlut

Robert Eugene Krumlauf, II, Canton; B.E. (Vanderbilt University); *Developmental Biology*; Dr. George A. Marzhu

Douglas Richard Kutner, Columbus; B.A., M.A.; *Psychology*; Dr. John E. Horrocks

Elaine Louise Leach, West Concord, MN; B.S. (Mankato State Teachers College); M.A.; *Education*; Dr. W. Fred Staub

Solomon A. Levin, Newton, MA; B.A. (State University of New York, Stony Brook); M.A.; *Psychology*; Dr. Charles Wenar

Phyllis Saltzman Levy, Cincinnati; B.S.Ed., M.A.; *Education*; Dr. Elsie J. Alberty

Judith Carolyn Lippmann, Chicago, IL; B.M. (University of Cincinnati); M.M. (Northeast Louisiana State College); *Music*; Dr. Jerry E. Lowder

Dwight Earl Lynn, Zanesville; B.S., M.S.; *Entomology*; Dr. Walter F. Hink

Shah Nawaz Mohd. Malik, Allahabad, India; B. Eng. (University of Allahabad); M. Tech. (Indian Institute of Technology, Kumpur); *Engineering Mechanics*; Dr. Li Sheng Fu

John Terry Matson, Detroit, MI; B.S. Ed. (State University of New York, Cortland); M.A. (University of Hawaii); *Geography*; Dr. Kevin R. Cox

Buryl L. McFadden, Jr., Columbus; B.S.M.E., M.M.E. (Purdue University); *Mechanical Engineering*; Dr. Helmuth W. Engelman

Harry Kenneth McLaughlin, Bryn Mawr, PA; B.S. (Pennsylvania State University); M.A. *Education*; Dr. Roy A. Larmee

Ada Castillo Mezzich, Lima, Peru; Psicoologo Prof. (Pontifical Catholic University of Peru); M.A.; *Psychology*; Dr. Charles Wenar

Carolyn Beth Mitchell, London, Ontario; B.A. (University of Mississippi); M.A.; *Psychology*; Dr. Charles Wenar

John Walter Munson, Stevens Point, WI; B.S.Ed., M.S. (Springfield College); *Physical Education*; Dr. Lewis A. Hess

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Marilyn Neptune, Tulsa, OK; B.S. (West Virginia Institute of Technology); *Chemistry*; Dr. Richard L. McCreevy

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Paula Rinehart Strayer, Fostoria; B.S.Ed., M.S.; *Education*; Dr. William D. Dowling

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Ellen Masley Thompson, Charleston, WV; B.S. (Marshall University); M.A.; *Geography*; Dr. John N. Rayner

Edward Francis Vinson, Kashong, China; B.S. (University of Arkansas); *Chemistry*; Dr. Robert J. Ouellette

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Debra Sue Wallick, Columbus; B.S., M.A.; *Education*; Dr. George L. Lewis

Li-wen Chang Wang, Columbus; B.S. (National Taiwan University); *Biochemistry*; Dr. George A. Marzluf

Phillip Stanley Wilson, Groveport; B.S., M.A.; *Education*; Dr. George L. Lewis

William Joseph Winter, Jr., Brooklyn, NY; B.A. (State University of New York, Potsdam); *Chemistry*; Dr. John A. Secrist III

Jinn Wu, Taipei, Taiwan; B.S., M.S. (National Taiwan University); *Pharmacy*; Dr. Jack L. Beal

Shang-Ren Wu, Taipei, Taiwan; B.S. (National Chung-Hsing University); *Chemistry*; Dr. John A. Secrist III

Yalaguradappa Basalingappa Yalawar, Wadawadi, Karnatak, India; B.Comm., M.Comm. (Karnatak University); M.B.A.; *Business Administration*; Dr. Andrew H. Chen

Te-Lin Yau, Hu-Nan, China; B.S.E. (Taiwan Cheng Kung University); M.S. (Tennessee Technical University); *Metalurgical Engineering*; Dr. Roger W. Staehle

Charles William Zimmerman, Sandusky; B.S., M.S.; *Education*; Dr. Richard J. Shumway

Master of Accounting

Jui Jer Lin, Taipei, Taiwan; B.S. (National Taiwan University); *Accounting*

Master of Architecture

Michael Arthur Taylor, Williamsport, Pa.; B.S.Arch.; *Architecture*

Master of Arts

Joseph Adegboyega Abioye, Iwo, Nigeria; Diploma (Ahmadu Bello University); B.A. (University of Ife); *Physical Education*

Christine Kay Adams, Fairborn; B.S.; *Psychology*

Taryn Kay Adams, Springfield; B.S. (Valparaiso University); *Physical Education*

Kurt Allmacher, Columbus; B.S.Ed.; *Education*

Thomas Pat Almerico, Salt Lake City, Ut.; B.S. (University of Utah); *Communication*

Lynne I. Grover Archuleta, Kirkland Lake, Ontario, Canada; B.S. (Moorhead State College); *Education*

Timothy Dean Bailey, Washington C. H.; B.A. (University of Akron); *Education*

Susan Pampuch Baughman, Westerville; B.S.Ed.; *Education*

Richard J. Bensman, Russia; B.S. (Bowling Green State University); *Education*

Susan E. Boerger, Marysville; B.S.; *Journalism*

George M. Bouldin, Columbus; B.S.Ed.; *Education*

Allan Dale Bowers, Columbus; B.S. (Franklin University); M.S. (University of Kentucky); *Public Administration*

Mark H. Buckingham, Albuquerque, N. M.; B.S. (University of Illinois); *Public Administration*

Rebecca Ann Burke, Columbus; B.A.; *Journalism*

Sharon Sue Burton, Cincinnati; B.S.; *Physical Education*

Edward J. Campbell, Jr., Downingtown, Pa.; B.S.Ed. (West Chester State College); *Public Administration*

Donna V. Chapple, Garfield Heights; B.A. (Ohio University); *Public Administration*

Wanda Teresa Cherry, Toledo; B.A.; *Education*

David A. Clark, Columbus; B.A. (Kent State University); *Public Administration*

Marna Lou Colestock, Galion; B.A. (Eastern Nazarene College); *Education*

Harry Herbert Collis, Grand Rapids, Mich.; B.A. (Michigan State University); *Business Administration*

Christine L. Coney, Waterloo, Ia.; B.A. (University of Northern Iowa); *Education*

Andrea Gilmore Davis, Gallipolis; B.S.Ed.; *Education*

Michael Raymond DePaul, Pittsburgh, Pa.; B.A. (University of Notre Dame); *Philosophy*

Charlene Weekley Devaney, Hilliard; B.S.Ed.; *Education*

Barbara J. Dillman, Lewistown, Pa.; B.A. (Bloomsburg State College); *Education*

Michael Allen Dudgeon, Alexandria; B.S.Ed.; *Education*

Also Master of Business Administration, Graduate School

- Alyce L. Eason, Huntsville, Ala.; B.S. (Tennessee State University); *Education*
- Deborah Ann Esparza, Columbus; B.S. (North Dakota State University); *Communication*
- James Willis Fehr, Jr., Springfield, Pa.; B.A. (Pennsylvania State University); *History*
- Evelyn Bernice Finch, Grove City; B.S.Ed.; *Education*
- Guy Stephen Forsythe, Westerville; B.S.Ed.; *Education*
- Debra C. Friedland, Gaithersburg, Md.; B.A. (University of Maryland); *Communication*
- Michael Allen Froehlich, Columbus; B.A.; *Public Administration*
- Akiyo Furuichi, Tokyo, Japan; B.S. (Waseda University); *Education*
- Paul R. Gamble, Troy; B.A. (Antioch College); *Public Administration*
- Mary Ann Gladden, St. Clairsville; B.A. (Baldwin-Wallace College); *Education*
- Richard J. Gleason, Columbus; B.S.Ed. (Ohio University); *Education*
- Richard Goldfriedrick, Columbus; B.S.Ed.; *Art Education*
- Janet Sandberg Gordon, Columbus; B.S. (Kent State University); *Education*
- William Arthur Grimm, III, Pataskala; B.A.; *Communication*
- Russell L. Hall, Bellefontaine; B.A.; *English*
- Anne Elizabeth Harris, Centerville; A.B. (Radcliffe College); *Psychology*
- Hermoine Prestine Harris, Wilmington, Del.; B.A. (Elizabethtown College); *Psychology*
- William Dalton Hicks, Lanhan, Md.; A.B. (Lafayette College); *Psychology*
- Edward J. P. Hoffman, Columbus; B.S.Ed.; *Education*
- Thomas Hugh Hostenske, Reynoldsburg; B.A. (College of Wooster); *Communication*
- Kenneth L. Hoyt, Ashtabula; B.A. (Baldwin-Wallace College); *Journalism*
- Suzanne O'Neil Hudson, Columbus; B.A. (Stephens College); *Journalism*
- Everett Harry Jackson, Jr., Zanesville; B.S. (Andrews University); *Education*
- Judith Meyers Jenkins, Columbus; B.A.; *Education*
- Marcia Phyllis Kitain Kadetz, Dayton; B.S.Ed.; *Education*
- Anna Rebecca Rockey Katz, Columbus; B.S. (Youngstown State University); *Education*
- Alayne M. Kazin, Oceanside, N. Y.; B.S. (Indiana University); *Physical Education*
- Thomas Patrick Keenan, Columbus; B.S.Ed.; *Education*
- Judith Lynn Keitz, Columbus; B.S. (University of Kentucky); *Business Administration*
- Patrick D. Kent, Westerville; B.S.Ed.; *Education*
- Janice Elaine Kilburn, Columbus; B.A. (Pennsylvania State University); *Education*
- Debra S. Klamfoth, Columbus; B.A. (Wittenberg University); *Journalism*
- Timothy Ian Krass, Westlake; B.S.B.A. (Georgetown University); *Physical Education*
- Ngoc-Yen Lam, Saigon, Vietnam; B.A. (State University of New York at Buffalo); *Public Administration*
- Guy Vincent Lamolinara, Cleveland; B.A.; *Journalism*
- Peter Stanley Lemish, San Rafael, Calif.; B.A. (University of California at Santa Barbara); B.H.L. (Hebrew Union College); *Education*
- Karen Sue Lineberry, Columbus; B.S. (Bowling Green State University); *Education*
- Larry John Lininger, Reynoldsburg; B.S.Ed.; *Education*
- George Finney Linn, III, Norwalk; B.A. (University of Western Ontario); *Linguistics*
- Alma Myers Litten, Circleville; B.A. (Mount Saint Mary College); *English*
- Bruce Macadam, Hockessin, Del.; B.A. (University of California at Los Angeles); *Education*
- Mary Angela Manos, Canton; B.A. (University of Cincinnati); *Education*
- Ralph William Marinello, Columbus; B.A.; *Physical Education*
- Gale Schimmel Markus, Columbus; B.A. (Kent State University); *Art Education*
- Ann Elizabeth Marshall, Columbus; B.A. (Miami University); *Education*
- Roger Alan McChesney, Lake Charles, La.; B.A. (University of Southwestern Louisiana); *Public Administration*
- Peter McClernon, Worthington; B.A. (Don Bosco College); *Education*
- Patrick John McGory, Youngstown; B.G.S. (Kent State University); *Public Administration*
- Irene R. Melvin, Youngstown; B.S.Ed. (Miami University); *Education*
- Gean Michaels, Sidney; B.S.Ed. (University of Dayton); *Education*
- Kenneth C. Millisor, Bremen; B.A. (Wright State University); *Public Administration*
- Deborah L. Mix, Brattleboro, Vt.; B.A. (Castleton State College); *Education*
- Nancy Parker Moffitt, New Concord; B.A. (Allegheny College); *Education*
- Judith Furedy Montanaro, Columbus; B.A. (Denison University); *Education*
- Cathleen Mary Murnane, Columbus; B.A.; *History of Art*
- Larry Joseph Myers, Newark; B.S.J. (Ohio University); *Journalism*
- Mark Jerome Neff, Dayton; B.A. (University of Notre Dame); *Public Administration*
- Bonita Delle Neth, Milligan College, Tenn.; B.S. (Milligan College); *Education*
- Mark Dean Nisbet, Columbus; B.A.; *Sociology*
- Mary Jane Noll, Murrysville, Pa.; B.A. (College of Saint Teresa); *Communication*
- Robert John Notestine, III, Bellefontaine; B.S. (Wright State University); *Public Administration*
- Birgitta E. Oberle, Kempten, Germany; Zinschenprüfung (University of Augsburg); *German*
- Jeri A. O'Donnell, Mansfield; B.S.Soc.Wel. (University of Dayton); *Education*
- William Daniel Odroneic, Duquesne, Pa.; B.S.Ed. (California State University); *Education*
- Shade 'Ojibe, Columbus; B.A.; *Education*
- Barbara Bolick Pagnotti, Mount Carmel, Pa.; B.S.Ed. (Bloomsburg State College); *Communication*
- Doris Thirsk Palm, Fairborn; B.S.; *Public Administration*
- Patricia G. Paulus, Columbus; B.A. (Miami University); *Public Administration*
- William Michael Perkins, Atlanta, Ga.; B.A. (Georgia State University); *Philosophy*
- Robin Diane Reese, Mountaintop, Pa.; B.S. (East Stroudsburg State College); M.S. (Western Illinois University); *Education*
- Marvin Lawrence Richardson, Parkersburg, W. Va.; B.A. (Kenyon College); *Romance Languages and Literatures*
- Kathryn Ann Riedel, Perrysburg; B.S. (John Carroll University); *Education*
- Carolyn Ann Robinson, Houston, Tex.; B.S.W. (Prairie View A & M University); *Public Administration*
- Amos Rolider, Haifa, Israel; B.A. (Wingate Institute); M.S. (Brigham Young University); *Education*
- James Anthony Rubino, Memphis, Tenn.; B.F.A.; *Philosophy*
- Claire Ann Sawaya, Mt. Vernon; B.A. (Miami University); *Public Administration*
- Patrick E. Shields, Highland Park, Ill.; A.B. (University of Illinois); *Political Science*
- Victoria Lynn Sinclair, Toledo; B.Mus.Ed. (Otterbein College); *Music*
- Loretta Johnson Smith, Richlands, Va.; B.A.; *Education*
- Scott Franklin Smith, Union City; B.S.Ed. (Kent State University); *Education*
- Caryl Ann Snide, Delaware; B.S.Ed. (Capital University); *Education*
- Harold Michael Snyder, Panama City, Fla.; B.A.; *Journalism*
- Michael Terner, Waban, Mass.; B.A. (Boston University); *History of Art*
- Deborah A. Thomas, Trumbull, Conn.; B.S. (University of Connecticut); *Psychology*
- Margaret Gallagher Thompson, Columbus; B.S. (Pennsylvania State University); *Education*
- Dora May Thomson, Newark; B.A. (Tarkio College); *Education*
- Clifton Lee Timbrook, Columbus; B.A.; *Political Science*

! To be awarded posthumously

James F. Underwood, Columbus; B.A. (Ohio Dominican College); *Education*

Debra Dawn Voegel, Pittsburgh, Pa.; B.S.Ed. (Ashland College); *Physical Education*

Brent Joseph Walker, Westerville; B.A. (Otterbein College); *Romance Languages and Literatures*

Samuel Poulton Wallace, Columbus; B.A.; *Communication*

Jacqueline Whitrock Ware, Columbus; B.S.Ed. (Otterbein College); *Education*

Mark Douglas Warren, Clarkston, Mich.; B.B.A. (Eastern Michigan University); *Physical Education*

Kenneth Harry Watman, Columbus; B.A. (Kenyon College); *Psychology*

Brent E. Webb, Sidney; B.S. (Bowling Green State University); *Education*

Ann Tharp Wertz, Columbus; B.S.Ed.; *Education*

Toni B. Westphal, Columbus; B.A.; *German*

Margaret Denise Williams, Fayetteville, N. C.; B.A. (North Carolina Central University); *Public Administration*

Margaret M. Williams, Columbus; B.A. (Miami University); *Health Education (Physical Education)*

Linda Dolf Wnek, Rayland; A.B. (Ohio University); *Psychology*

Chang-ying Yang, Taipei, Taiwan; B.A. (National Taiwan University); *East Asian Languages and Literatures*

Master of Business Administration

Bruce Burton Bearss, Toledo; B.S.Bus.Adm.; *Business Administration*

Adrienne Bosworth, Columbus; B.A.; *Business Administration*

Casper E. Budde, Portsmouth; A.B. (Kenyon College); *Business Administration*

Donald B. Burney, Cleveland; B.A. (Marietta College); *Business Administration*

Steven F. Dallman, St. Louis Park, Minn.; B.A. (Mankato State College); B.S.Arch.; M.Arch.; *Business Administration*

Bruce Allison DeWoody, Columbus; B.A. (California State University); *Business Administration*

Carol Bracken Fidler, Upper Arlington; B.S. (Kent State University); M.S.; *Business Administration*

Cathryn L. Grammer, Beloit; B.S.Bus.Adm.; *Business Administration*

Timothy Grant, Akron; B.S.Bus.Adm.; *Business Administration*

Jean-Francois Huguet, Paris, France; Certificate (University of Paris VI); Diplôme (Ecole Speciale de Mechanique et d'Electricite); *Business Administration*

James Alan Huling, Westerville; B.B.A. (Ohio University); *Business Administration*

Katherine Ann Karvelis, Terrace Park; B.A. (Miami University); *Business Administration*

Gregory C. King, Columbus; B.S.Ed.; *Business Administration*

Glenn W. Kingsbury, Rochester, N. Y.; B.A. (State University of New York at Binghamton); *Business Administration*

Ronald D. Mabry, Columbus; B.I.A. (General Motors Institute); *Business Administration*

Robert P. Mitchell, Buffalo, N. Y.; B.A. (Morehouse College); *Business Administration*

R. Brian Modiano, Columbus; B.S. (Bowling Green State University); *Business Administration*

Chris James Nye, Rossford; B.B.A. (University of Toledo); *Business Administration*

Kiran Bhavan Patel, Mavsaari, India; B.Tech. (Indian Institute of Technology); M.S. (University of Wisconsin); *Business Administration*

Michael William Ploetz, Milwaukee, Wis.; B.S.Bus.Adm.; *Business Administration*

George S. Prabhu, Columbus; B.Sc. (Sambalpur University); *Business Administration*

Stella Herriges Quirk, Columbus; B.S. (University of Wisconsin); *Business Administration*

Rimas J. Rauba, Brooklyn, N. Y.; B.E. (City College of New York); *Business Administration*

Howard Brian Seiferas, Columbus; B.B.A. (University of Wisconsin); *Business Administration*

Gregg Alan Sherman, Delaware; B.S. (Babson College); *Business Administration*

Gary Franklin Suttles, Dayton; B.A.; M.A.; *Business Administration*

Jeanne Ramme Sydenstricker, Fairborn; B.S. (West Virginia University); *Business Administration*

Michael Arthur Taylor, Williamsport, Pa.; B.S.; *Business Administration*

Thelma A. Wallace, Charleston, W. Va.; B.S. (West Virginia State College); *Business Administration*

Elizabeth Ann Wolford, Middletown; B.A. (Miami University); *Business Administration*

Sharon Louise Yontz, Columbus; B.M. (Miami University); *Business Administration*

John Timothy Zietlow, Bexley; B.S.Bus.Adm.; *Business Administration*

Master of City and Regional Planning

Rowland Omodele Agbede, Igede, Ekiti, Nigeria; B.Sc. (University of Nigeria); *City and Regional Planning*

Dennis P. Joseph, Flint, Mich.; B.S. (Michigan State University); *City and Regional Planning*

Rakesh Sharma, Chandigarh, India; B.Arch. (College of Architecture); M.Arch.; *City and Regional Planning*

Patricia Burgess Stach, Columbus; B.S.; *City and Regional Planning*

Margaret Ann Roels Talarico, Corpus Christi, Tex.; B.A. (Catholic University of America); M.A.; *City and Regional Planning*

Master of Labor and Human Resources

Margaret Anne Hadley, Columbus; B.A. (Vanderbilt University); *Labor and Human Resources*

Stephen Joseph Havlovic, Terrace Park; B.A.; *Labor and Human Resources*

Robert H. Ovadia, Yonkers, N. Y.; B.A.; *Labor and Human Resources*

Master of Music

David Paul Eyler, Baltimore, Md.; B.S. (Frostburg State College); *Music*

Linda Darlene Leave, Wellsville, N. Y.; B.A. (Allegheny College); *Music*

Mary Snyder Saxon, Columbus; B.M. (University of Alabama); *Music*

Darlene Rae Sedoris, Springfield; B.M. (Northern Illinois University); *Music*

Master of Public Administration

Harlow G. Ballard, Columbus; B.A.; *Public Administration*

Deborah Thies Daniels, Winston-Salem, N. C.; B.S. (Winston-Salem State University); *Public Administration*

Paul J. Feldman, West Carrollton; B.A. (Capital University); *Public Administration*

Debra Kay Gergye, Akron; B.A. (University of Akron); *Public Administration*

Phillip A. Niedzielski-Eichner, Columbus; B.S. (John Carroll University); *Public Administration*

Master of Science

Muzaffer Adigüzel, Emet/Kütahya, Turkey; Diploma (Istanbul State Academy of Engineering and Architecture); *Geodetic Science*

Seong Jin Ahn, Seoul, Korea; B.A. (Seoul National University); M.S. (Wright State University); *Computer and Information Science*

Fereydoun Anoushiravani, Tehran, Iran; B.S.; M.S. (Iran State University); *Nuclear Engineering*

Janet Elizabeth Anspach, Berrien Springs, Mich.; B.S. (Loma Linda University); *Allied Medical Professions*

Robert Wayne Arenz, Farmington, Mo.; B.S. (Central Methodist College); *Astronomy*

Joseph A. Avallone, Fort Lauderdale, Fla.; B.S. (Oklahoma State University); *Electrical Engineering*

! Also Master of Architecture, Graduate School

- Ann Elizabeth Barnes, Alexandria, Va.;
B.S. (Wake Forest University);
Mathematics
- Suryakumar Boriah, Columbus;
B.Tech. (Indian Institute of Technology);
Mechanical Engineering
- Delbert Franklin Boring, Jr., Galloway;
B.S.C.E.; *Civil Engineering*
- Alan W. Brackney, Des Moines, Ia.; B.S.
(Iowa State University); *Zoology*
- David Everett Bradley, Copley;
B.S. (Northwestern University);
Bio-Medical Engineering
- Pamela Fern Bradley, Wintersville;
B.S.A.A.E.; *Aeronautical and
Astronautical Engineering*
- Warren D. Britt, New Albany;
B.S.; M.S. (New York University);
Computer and Information Science
- Eileen M. Buchholz, Wooster;
B.S.Ed.; *Natural Resources*
- Gregory Buniak, Livingston, N. J.;
B.A. (Rutgers University); *Nuclear
Engineering*
- George R. Carr, Jr., Des Moines, Ia.;
B.A. (Drake University); *Computer and
Information Science*
- Arnon Chait, Ramat-Gan, Israel; B.S.M.E.;
Handassai (ORT Technical College);
Mechanical Engineering
- Haiyung Cheng, Taiwan, R.O.C.;
B.S. (Tunghai University); *Pharmacy*
- Barbara Morrison Conn, Portsmouth;
B.S. (The College of Saint Teresa);
Nursing
- Barbara J. Cooke, Columbus;
B.S.H.E.; *Preventive Medicine*
- Susan Beth Corcoran, Columbus;
B.S.; *Home Economics*
- Michael J. Cordonnier, Russia;
B.A. (Miami University); *Agronomy*
- Jack Lee Courtney, Dayton;
B.S. (Wright State University);
Electrical Engineering
- John B. Crishi, Jr., Indian Head, Md.;
B.S. (Salisbury State College);
Computer and Information Science
- Robert Allen Day, II, Cinnaminson, N. J.;
B.S. (Rutgers University); *Electrical
Engineering*
- Judith Ellen Deis, Centerville;
B.S. (University of Dayton); *Physics*
- Kenneth Thornton DenBleyker, Cedar
Grove, N. J.; B.S. (Newark College of
Engineering); *Chemistry*
- Diane Sue Doud, Roann, Ind.; B.S. (Purdue
University); *Horticulture*
- Joseph Anthony Eduardo, Warren;
B.S.; *Civil Engineering*
- Wahib Sobhi El-Benni, Tripoli, Lebanon;
Licence; Diploma (The Lebanese
University); Doctorate de 3 cycle (Louis
Pasteur University); *Industrial and
Systems Engineering*
- James William Erwin, Bourbon, Ind.;
B.S. (Purdue University); *Horticulture*
- Summer Lea Feierabend, Columbus; B.S.
(University of North Carolina at
Greensboro); *Home Economics*
- Barrett Nicholas Fountos, Youngstown;
B.A. (Case Western Reserve University);
Preventive Medicine
- Nancy W. Freeman, Pickerington;
B.S. (Ohio Wesleyan University);
Food Science and Nutrition
- Edward L. Fritzen, Jr., Columbus; B.S.
(University of Notre Dame); *Chemistry*
- Kin Chee Fung, Hong Kong; B.S.E.E.
(Ohio University); *Computer and
Information Science*
- Raj Kumar Garg, Kanpur, India;
B.Tech. (Indian Institute of Technology);
Ceramic Engineering
- Gregory W. Good, Columbus;
O.D.; *Physiological Optics*
- Julianne Westcott Graney, Columbus;
B.S.Ed.; *Natural Resources*
- James Styles Grauman, Noblesville, Ind.;
B.S. (Purdue University); *Chemistry*
- Joe W. Green, Jr., Rockville, Ind.;
B.S. (Purdue University); *Agricultural
Education*
- Jeffrey P. Gunderson, Cincinnati;
B.A. (University of Cincinnati);
Computer and Information Science
- Donald Edward Hair, Put-in-Bay;
B.S.; *Zoology*
- Hamid Hakimzadeh, Tehran, Iran;
B.S. (Pahlavi University); *Animal Science*
- James Charles Harris, Medford, Mass.;
B.B.A. (University of Massachusetts);
Computer and Information Science
- Elizabeth Mary Heckler, Cincinnati;
Food Science and Nutrition
- David J. Hellmann, Cincinnati; B.S.
(Xavier University); *Computer and
Information Science*
- Vincent C. Henrich, Vandalia; B.S.
(University of Notre Dame); *Genetics*
- Bruce Wallace Hill, Northglenn, Colo.;
B.S. (Colorado State University);
Computer and Information Science
- Thomas Alan Huber, Cuyahoga Falls;
B.S. (Westminster College); *Agronomy*
- Eva Hudlická, Blacksburg, Va.;
B.S. (Virginia Polytechnic Institute);
Computer and Information Science
- Rosemarie Dolores Hunziker, Springfield,
Va.; B.Sc. (Philadelphia College of
Pharmacy and Science); *Dairy Science*
- Dennis John Inkrott, Leipsic;
B.S.Agr.; *Horticulture*
- Shirley Wilson Irvin, Delaware;
B.S.; *Home Economics*
- Ruth M. Ivory, Yale, Va.; B.S. (Howard
University); *Chemical Engineering*
- Michael Joseph Jacquemin, Hamilton;
B.S.; *Agronomy*
- Wilailuck Jirakanjana, Bangkok, Thailand;
B.S.; M.S. (Chulalongkorn University);
Mathematics
- Robert W. Karkoska, South Euclid;
B.S. (University of Dayton); *Mathematics*
- Kostas Katsambalos, Salonika, Greece;
Diploma (National Technical University);
Geodetic Science
- Timothy J. Katynski, Parma;
B.E.E. (Cleveland State University);
Electrical Engineering
- Jeffrey P. Katz, Columbus; B.S. (George
Washington University); *Pathology*
- Kenneth L. Kiper, Waverly; B.S. (Olivet
Nazarene College); *Physics*
- Gretchen Kay Kruger, Columbus;
B.A. (Miami University); *Allied Medical
Professions*
- Gary Leonard Kruse, Kenton;
B.S.; *Agricultural Education*
- Hongchih Kuo, Taipei, R.O.C.; B.S.
(National Tsing Hua University); M.S.;
Computer and Information Science
- Konrad Marc Kuzmanoff, New York, N. Y.;
B.A. (Johns Hopkins University); *Botany*
- Judith Kilmer Lamp, Port Clinton;
B.S.; *Nursing*
- Jyh-ren Lan, Taiwan, R.O.C.; B.E.
(Taiwan Provincial College of Marine and
Oceanic Technology); *Food Science and
Nutrition*
- Paktra Lawhanuwat, Bangkok, Thailand;
B.S. (Chulalongkorn University);
Pharmacy
- Moon-Hee Lee, Seoul, Korea; B.S., M.S.
(Seoul National University);
Metallurgical Engineering
- Patrick Shane Lerch, Columbus;
B.S.; *Natural Resources*
- Syd Lewis Lifshin, New York City, N. Y.;
B.A. (Queens College); M.S.;
Computer and Information Science
- Yung-Long Ling, Taipei, Taiwan, R.O.C.;
B.S. (Fu-Jen Catholic University);
Electrical Engineering
- Clarence Chi-De Liu, Taiwan, R.O.C.;
B.E. (Chung Yuan College of Science and
Engineering); *Civil Engineering*
- Tze-Hore Howard Liu, Taiwan, R.O.C.;
B.S. (National Tsing Hua University);
Nuclear Engineering
- Debra Wascher Lowry, Columbus;
B.S.; *Preventive Medicine*
- Jonathan F. Luedeke, Columbus; B.A.
(Asbury College); *Electrical Engineering*
- Joseph Douglas Lurie, Lexington, Mass.;
B.S. (University of New Hampshire);
Food Science and Nutrition
- John James Lynch, LaCrosse, Wis.; B.A.
(Saint John's University); B.S. (Viterbo
College); *Allied Medical Professions*
- Thomas Richard MacGregor, Sandusky;
B.S.; *Pharmacy*
- Dennis Eugene Macha, West Milton;
B.S. (Michigan State University);
Metallurgical Engineering
- Sarita Lynn Mattison, Jackson, Tenn.; B.S.
(University of Tennessee); *Microbiology*
- Christopher Eric Maxwell, Knoxville,
Tenn.; B.A. (University of Tennessee);
Computer and Information Science
- John Cooper McKinney, Newark;
B.S.; *Natural Resources*
- Richard G. McNally, Dayton;
B.S.A.E. (University of Cincinnati);
Mechanical Engineering
- Robin R. Melvin, Rockville, Md.;
B.S. (Michigan State University);
Home Economics

Robert Lee Menard, Kankakee, Ill.;
B.S. (Saint Joseph College); *Civil Engineering*

David H. Mennenga, Urbana, Ill.;
B.S. (Southern Illinois University);
Mechanical Engineering

Joseph Gerard Mercer, Xenia;
B.E. (Stevens Institute of Technology);
Mechanical Engineering

Mary Ellen Mihalyi, Burlington, Wis.;
B.S. (University of Wisconsin);
Computer and Information Science

Ray Eugene Miller, Holmesville;
B.S.; *Agricultural Education*

Mark Douglas Mills, Hanna, Ind.;
A.B. (Indiana University); *Computer and Information Science*

Andrew Santen Mitchell, Cincinnati;
B.S.E.E. (University of Cincinnati);
Electrical Engineering

Frank Warren Mitchell, Springfield, Mo.;
B.S. (University of Arkansas);
Chemical Engineering

Aeryung Moon, Seoul, Korea; B.S.
(Seoul National University); M.S.;
Computer and Information Science

Barbara Mulherin, Spencer;
B.S.H.E.; *Food Science and Nutrition*

Prabhat Munshi, Kanpur, India;
B.Tech. (Indian Institute of Technology);
Nuclear Engineering

Teresa Annette Myer, Zanesville; B.S.
(Miami University); *Natural Resources*

Leslie Edward Ott, Ottawa, Ontario,
Canada; B.Eng. (Royal Military College);
Geodetic Science

Lyn D. Paulson, Washington, D. C.;
B.S.; *Genetics*

Robert Jay Peterson, Wilmington;
B.S.; *Agricultural Economics and Rural Sociology*

Hurist Paul Pitre, Jr., Xenia; B.S.
(McNeese State University); *Aeronautical and Astronautical Engineering*

Syed Burhanullah Qadri, Hyderabad, India;
B.S.; M.S. (Osmania University); M.A.
(Kent State University); *Mathematics*

Gregory Allyn Robinson, Fort Campbell,
Ky.; B.S. (Cornell University);
Geodetic Science

Thomas P. Russin, Steubenville;
D.D.S.; *Dentistry*

Victoria Anne Saunders, Hermiston, Ore.;
B.S. (Loma Linda University);
Allied Medical Professions

Marilyn Kay Schmalz, Rockford, Ill.;
B.S. (University of Illinois);
M.S. (University of Puget Sound);
Allied Medical Professions

Deborah Jeanne Schultz, Ashland, Ky.;
B.A. (DePauw University); *Computer and Information Science*

Harold David Seigel, Hillsdale, N. J.;
B.A. (University of Rochester);
Computer and Information Science

Mithilesh J. Sharma, Nagpur, India;
M.B.B.S.; M.S. (Nagpur University);
Surgery

Lee Karen Sharr, Salem, Va.;
B.S. (Longwood College); M.S.;
Industrial and Systems Engineering

Randal Eugene Simpson, Marshall, Ill.;
B.S. (Eastern Illinois University);
Geodetic Science

Harry Eugene Smith, Jr., Gahanna;
B.S.; M.S.; *Computer and Information Science*

Douglas J. Sober, Leechburg, Pa.; B.A.
(Clarion State College); *Pharmacy*

Kathleen Adele Sommer, Fort Wayne, Ind.;
B.S. (Purdue University); *Computer and Information Science*

Douglas Owen Stapp, Dayton;
B.S. (University of Dayton); *Electrical Engineering*

Bernice Helen Strommer, St. Paul, Minn.;
B.A.; M.S. (University of Minnesota);
Preventive Medicine

G. Sundararajan, Tamilnadu, India;
B.Tech. (Indian Institute of Technology);
Metallurgical Engineering

Nasser A. Tabbaa, Riyadh, Saudi Arabia;
B.S.; *Horticulture*

David G. Tarry, Swift Current,
Saskatchewan, Canada; D.M.D. (University
of Manitoba); *Dentistry*

Thomas Oliver Tindall, Jr., Los Angeles,
Calif.; B.A. (University of California at
Los Angeles); *Geodetic Science*

Satya Narayan Tiwary, Nepal, India;
B.Sc. (Punjab Agricultural University);
Agricultural Education

Linda Rachael Toney, Melrose, Mass.;
B.S.M.E. (Tufts University);
Mechanical Engineering

Chang-Yung Timothy Tung, Taipei,
Taiwan, R.O.C.; B.S. (National Central
University); *Mathematics*

Thienngtrong Vangpatnakuljai, Bangkok,
Thailand; B.Eng. (Chulalongkorn
University); M.S.; *Industrial and Systems Engineering*

Jose Fabio Velez M., Medellin, Colombia,
South America; Mechanical Engineer
(Universidad Pontificia Bolivariana);
Metallurgical Engineering

Lawrence William Wald, North Olmsted;
B.S.; *Electrical Engineering*

Chin Johnson Wang, Taipei, Taiwan,
R.O.C.; B.S. (National Tsing Hua
University); *Computer and Information Science*

Chuan-Yu Rosaline Wang, Taipei, Taiwan,
R.O.C.; B.S. (National Chung-Hsing
University); *Horticulture*

Janet Ione Weaver, Hiawatha, Kans.; B.A.
(Ottawa University); *Home Economics*

Bernard Edward Williams, Kettering;
B.S.; *Civil Engineering*

Steven Zack Willson, Delaware;
B.S.; *Natural Resources*

Eleana Moy Yam, Hong Kong;
B.S. (State University of New York at
Stonybrook); *Electrical Engineering*

Cathleen Zager, Griffin, Ga.; B.S.
(University of Georgia); *Computer and Information Science*

Michael J. Zolidis, Cleveland; B.S. (United
States Military Academy); *Mechanical Engineering*

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Chairman, Coordinating Council of Deans:
Andrew J. Broekema

Vice Provost for the Arts and Sciences:
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College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematical and
Physical Sciences

College of Social and Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

JoAnn Claire Bals, Pickerington
John Marshall Brush, Columbus
Linda Beth Cochran, Columbus
Scott Allen Dommin, Vermilion
Kevin Joseph Dunn, Marion
Robert Walter Kuenning, Petersburg, VA
Jodie L. Olds, Columbus
Lisa Kay Reed, Worthington
James K. Sproule, Columbus
Todd Anthony Weier, Columbus

Bachelor of Fine Arts

Ruby Nell Brownlee Andrews,
Rickenbacker AFB
Reggie Gene Augustine, Wauseon
David Lee Callahan, Columbus
Heidi Pfaff Fishpaw, Columbus
Richard Philip Frehs, Columbus
Clinton Arthur Heath, Columbus
Jane Ann Holden, Columbus
Matthew Roderick Hughes, Granville
Julia Ann Joliffe, Euclid Canton
Lisa Marguerite Klein, Columbus
Mary Leslie Masters, Findlay
Bruno Tony Joe Pellegrini, Columbus
Edward Lynn Phillips, Maumee
Nona Susanne Pierce, Columbus
Laura Lee Pope, Los Angeles, CA
Delia Ann Schutte, North Canton
Jamie Jo Stayman, Troy
Tracy Lee Steinbrook, Columbus
Margarete Sunderland, Van Wert
Mark Alan Tracey, Wooster
Heidi Elizabeth Uotila, Columbus
John Michael Waldman, Amlin
Susan Kathleen Wisler, Gallon

Bachelor of Music

Faith Muzet Decker, Marion
Mary Elizabeth MacNab, Hudson
Laurie Blough Miller, Columbus

Bachelor of Art Education¹

John Harvey Clark, Jr., Marion
Ellen Hawley Henry, Chagrin Falls
Cheryl McCrorie Knox, Columbus
Marc M. Ramsey, Pataskala
Cynthia Lynne Todd, Bucyrus

Bachelor of Music Education¹

Lori Jane Braid, Alliance
William Kenneth Carpenter, Jr., Columbus
Annette Louise Lamey, Columbus
Gwendolyn Kay Mather, Columbus
Holly Jean Smith, Port Clinton

Bachelor of Science in Audio Recording

David Daniel Smith, Williamsburg

Bachelor of Science in Industrial Design

Donald F. Cuddihy, Jr., Greer, SC
Thomas W. Davis, Columbus
Donald Michel Embree, Westlake

College of Biological Sciences

Acting Dean: Patrick R. Dugan

Bachelor of Arts

Guriqubal Singh Basi, Bedford Heights

Bachelor of Science

Susan Alene Beasecker, Marysville
Daniel Antony Berta, Columbus
Marco Joseph Bonta, Columbus
Candilee Butler, Columbus
Mark Alan Carter, Columbus
David Lawrence Condon, Columbus
Jeffrey Allan Crider, Strongsville
John Garrett Dirina, Columbus
Diane Edith Durrell, Columbus
Mark Stuart Elliott, Worthington
George A. Ellis, Jr., Columbus
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Maria Anne Fieck, Worthington
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Mark Madden Sheahan, Toledo
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Paula M. Schmidt, Columbus
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Allen Keith Zimmerman, Kent
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College of Humanities

Dean: Diether H. Haenicke

Bachelor of Arts

Russell J. Asmus, Massillon
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William Scott Behrens, Columbus
Laurie Jane Beringer, Columbus
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Colleen Elizabeth Cook, Marietta
Lesley Lynn Coon, Columbus
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Maralyn Crowe, South Point
Bruce Tomlinson Davis, Columbus
John Matthew DeTemple, Columbus
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Deborah Ann Gross, Cleveland
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Jeanine Marie Harkonen, Fairview Park
Ann Catherine Herbert, Columbus
Michael Hiltbrunner, Columbus
John Sutton Hire, Mansfield
Marguerite Virginia Hood, Columbus
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Shawn Elizabeth Kalick, Columbus
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Elisabeth Marie Lang, Worthington
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Bruce Richard Levin, Columbus
Phillip Allen Li, Sidney
Charles Murray Little, Columbus
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Joan Agnes McDonald, Carey
Nicholas John Metrowsky, Columbus
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Elizabeth Holmes Snyder, Columbus
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James Edward Stocksdales, Columbus
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Tim M. Watterson, Akron
Daria Kay Williams, Columbus
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College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

James B. Pollock, Delaware
Ken T. Shand, Cuyahoga Falls
Joanne M. Shoemaker, Columbus
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Bachelor of Science

Alan L. Albertus, Columbus
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Kathryn Epp, Columbus
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Jeff Dore Findl, Granada Hills, CA
Brenda Haas, Worthington
Robert Edward Myers, West Farmington
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Tuan B. Pham, Columbus
David Lee Schwartz, Beachwood
Brent Dwane Smith, Stoutsville
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College of Social and Behavioral Sciences

Dean: S. Earl Brown

Bachelor of Arts

Steven P. Abrams, Mansfield
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Tina L. Dunlap, Columbus
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² Also Bachelor of Science, College of Education

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 Sally Jo Francis, Columbus
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Bachelor of Science

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 Elizabeth Anne Keenan, Woodbridge, VA
 Karen Sue Miller, Columbus
 Richard Morris Peck, Pickerington
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Bachelor of Arts in Journalism

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 Stephen Lawrence DeVita, Lima
 Arthur Ditty, Grove City
 Michelle Ann Dorsey, Dayton
 Tania Jeanne Espenschied, Gahanna
 Patricia Barnes Hadler, Westerville
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College of Administrative Science

Dean: Edward H. Bowman

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 James Richard Flath, Shelby
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 Pedro A. Gonzalez, Guaynabo, Puerto Rico
 Marilyn Louise Grannan, Columbus
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 Jeffrey Warren Holt, Montgomery
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 Suzanne Marie Lishka, Columbus
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 Steven Dayton Morgan, Gallipolis
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 Gloria Dean Rudolph, Cleveland
 John Charles Russell, Logan
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 David William Snyder, Somerset
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 Herbert N. Weaver II, Leetonia
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 Dwight Eldon Wolfe, Columbus
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Bachelor of Science in Labor and Human Resources

Cynthia Anne Beany, Wintersville
 Amy Elizabeth Curtiss, Circleville
 Jacqueline Lea Mercier, Worthington
 Mark Alan Shores, Dover

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Cynthia Ruth Adamson, Tallmadge
 Daniel Theodore A'Hearn, Cincinnati
 John Michael Allgeier, Cincinnati
 Constance Joan Anderholm, Columbus
 Kenneth Tim Andrews, Columbus
 Larry Eugene Avey, Jeffersonville
 Amy Marie Bailey, Xenia
 Bruce Edwin Bailey, Rootstown
 Thomas James Barrett, Youngstown
 Bradley Bryan Beck, Mount Blanchard
 Barbara A. Bischoff, Plain City
 William Paul Boerger, Marysville
 Anthony James Bonbrust, Ft. Loramie
 Cynthia Ann Brown, Horseheads, NY
 Mark Allen Brown, Columbus
 Scott Sayers Brown, Columbus
 David Mark Browning, Columbus
 Jacquelyn Sue Caplinger, Chillicothe
 Paula Elaine Carlin, Kettering
 Lawrence Allen Cohen, Cleveland
 Kevin Curtis Conger, North Fairfield
 Jeffrey Mark Cornany, Columbus
 Susan Elaine Cydrus, Chillicothe
 Robert Wesley Davis, Uniontown
 Brian Michael Decker, Columbus
 Frank Edward Dengg, Ramsey, NJ
 Robin Lynn Dishong, Athens

Gregory Richard Dolan, Hempstead, NY
 Robert Stephen Evans, Bidwell
 Joanne Fassbender, Columbus
 Rachel Ann Fenstermaker, Williamsport
 Donald Paul Fisher, Fostoria
 Michael L. Flood, Salem
 Jon Eric Foell, Dayton
 James Lewis Foreman, Jr., Columbus
 Donald Keith Frail, Lima
 Ronda Lynn Garrett, Coshocton
 Mark Douglas Gibson, Rockville, MD
 Daryl Thomas Gillette, Newark
 William Benjamin Goodson, Johnstown
 Thomas Jeffery Green, Canal Winchester
 Dennis Paul Greive, Medina
 David Ward Grim, Tipp City
 John Charles Guttadore, Columbus
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 Nancy Lynn Hayes, Akron
 Lynn Ann Henry, Erie, PA
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 Michael Edward Hopkins, Fairborn
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 Susan Claire Milligan, Littleton, NJ
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 Rebecca Jean Mitchell, Athens, AL
 Gregory Wade Myers, Columbus
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 Rory John Pankhurst, Fostoria
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 Alice Rose Piwowarczyk, Springfield, NY
 Deidre Alain Poling, Circleville
 Larry Randall Potter, Clyde
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 Steven Michael Powell, Deshler
 Steven Purcell, Loudonville
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 Patrick Michael Rooney, Bluffton
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 Thomas Ray Storer, Sabina
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 Michael Joseph Willman, Attica
 Catherine Marie Wilson, Painesville
 Jack Richard Winkler, Rittman
 Charles Ray Wiseman, Columbus
 Charles L. Witt, Brunswick
 Thomas Charles Zwick, Summerfield

Bachelor of Science in Food Science

Wendell Richard Cook, Waynesville
 Robert Lewis Fisher, Jr., Zanesville
 Elizabeth Hary Heckler, Cincinnati
 Mark Alan Hoagland, Chillicothe
 Steven Alan Kah, Wapakoneta

Bachelor of Science in Food Technology

Steven Frederick Lammers, Ottawa
 Dianne Tackett Meade, Dublin
 Ray Edgar Shaulis, Somerset, PA
 Michael James Sullivan, Columbus

School of Home Economics

Bachelor of Science in Home Economics

Tovie L. Adams, Columbus
 Hlane Lynn Applegate, New Bremen
 Barbara Dietz Bailey, Coshocton
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 Julia R. Courtney, Ravenna
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 Janice Marie Geswein, Ironton
 Sandra Kay Glowacki, Columbus
 Mary Beth Hunter, Columbus
 Elizabeth Mary Johnson, Logan
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 Sharon Kay Lapp, Coshocton
 Sheila Ann Lyons, Columbus
 Marietta Jo Marvin, Findlay
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 Kathleen Margaret Murphy, Columbus
 Linda Sue Peel, Blacklick
 Lynette Ann Peel, Blacklick
 Deborah Ellen Resler, Newark, DE
 Helen Morgenstern Saxe, Macksburg
 Judith Ann Schabel, North Olmsted
 Karen Beth Shagrin, Beachwood
 Jane Hawk Smith, Celina
 Linda Sue Smith, Columbus
 Linda Marie Stearns, Bellefontaine
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School of Natural Resources

Bachelor of Science in Natural Resources

Duane Ardan Bailey, Whitehall
 Joseph R. Baughman, Sandusky
 Loretta Jean Bayer, Dayton
 David Lawrence Beckel, Sharpville, PA
 Bruce James Bennett, East Liverpool
 George Mark Blanchfield, North Royalton
 Patrick Andrew Boryca, Piqua
 David Edward Bourne, Columbus
 James Raymond Brady, North Olmsted
 Janis Lee Briggs, Columbus
 James Arnold Cummings, Columbus
 Erin Frances Donahue, Columbus
 Dawn Ford, Dublin
 Bradford Hardie Gay, III, Fairborn
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 Michael Scott Hanback, Sidney
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 Marc David Iman, Columbus
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 Denise Yvonne Knight, Cleveland
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† Also Master of Science, Graduate School

Jeffrey Allen Latta, Chesterland
Jean Marie Locigno, South Euclid
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Philip William Marette, Medina
Douglas James Maloney, Hickory, NC
Michael Shane McDonough, College Corner
Kenneth Eugene Peterson, Forest Park
Carol Ann Philipps, Granville
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Bradley Wayne Sallwasser, Cincinnati
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David Jay Smith, Lima
Judith Ann Stevens, Mansfield
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Agricultural Technical Institute-Wooster

Associate in Applied Sciences

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Linda Diane Butler, Mansfield
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Greg Alan Caudill, Lexington
James Alan Clem, Springfield
Gayle Margueritte Cooley, Ravenna
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David Keith Cunningham, Waterford
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Christopher Robin Gibbs, Sidney
Mary Elizabeth Hritz, Geneva
Dennis Eugene Juersvich, Clinton
Denise Shaw Kolby, Wooster
Wesley David Kolby, Wooster
Steven Arthur Leuzinger, Wooster
Nathaniel Collins Mann, Nashville, TN
Marty Jane Marlowe, Dover
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South America
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College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

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A.B. (University of Illinois)
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Todd Rex Line, Waynesfield
Valerie Lynn Liston, Mansfield
Lawrence John Logsdon, Alvada
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Miriam Bateman Wagner, Columbus
Angela Lynnette Wall, Columbus
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Keith Allen Weber, Forest
Leah Raternann Wente, New Bremen
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David Alan Wrassmann, Cincinnati
Linda Jane Wrassmann, Cincinnati
Gillian Scanlan Yawarsky, Columbus
Richard Glenn Zeiger, Beachwood
Sherry Lee Zimmerman, Cincinnati

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Bachelor of Music Education
degrees are offered jointly by the
College of the Arts and the
College of Education.
Candidates are listed under
College of the Arts**

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Brook Waite Beall, Columbus
Kevin Patrick Dearn, Euclid

Bachelor of Science in Agricultural Engineering

Howard Wayne Hale, Galena
James Everett Jones, Frankfort
Charles John Olosky, Euclid

- 1 To be awarded posthumously
- 2 Also Bachelor of Arts, College of the Arts and Sciences
- 3 Also Bachelor of Science, College of the Arts and Sciences

Bachelor of Science in Ceramic Engineering

Richard Dennis Back, Columbus
Jan Harlan Dennison, Columbus
Sedigheh Pari Jannati, Tehran, Iran
Valerie Jean Lammers, Dover
Ronald Dean Schaar, Lancaster

Bachelor of Science in Chemical Engineering

Donald Thomas Hooker, II, Cincinnati
Stacey Lee Howard, Jr., Columbus
Dean Joseph Kerekes, Amherst
David Joseph Wasela, Lorain
Thomas Eugene Wood, Columbus

Civil Engineer

Abubakar Chered, Kalimantan Timur,
Indonesia
Iqbal A. Sajanlal, Hyderabad, India

Bachelor of Science in Civil Engineering

Kazem Masoud Alavi, Tehran, Iran
John Francis Arensberg, Columbus
Gary Holmes Baker, Bowling Green
Jeffrey Wayne Belton, Columbus
Thomas Howard Benner, Columbus
Christine Ann Burgess, Mt. Vernon
Jeffrey Stephen Butt, New Carlisle
Raymond James Clouse, Columbus
Andrew Jerome Verreuil, Columbus
Anthony M. Iacovetta, Columbus
David Wayne Jones, Trotwood
Alfred Nikolas, Jr., Curtice
Ali Nassirzadeh, Tehran, Iran
Ted James Poulson, Columbus
Ronald L. Schultz, Worthington
Alan Charles Sherner, Athens
Earl Coleman Sutherland, III, Fairborn

Bachelor of Science in Computer and Information Science

Ernest Benton Bradley, Worthington
Daniel Thomas Sivinski, Columbus
Jeffrey Patrick Stets, Niles
Denise Kay Wade, East Longmeadows, MA
Keith Alan Weber, Lima

Electrical Engineer

John K. Skotko, Xenia

Bachelor of Science in Electrical Engineering

Philip Keith Behrendt, Columbus
William Mark Beyer, North Olmsted
Paul Vincent Brown, Fredericksburg
Stephen Williams Cook, Columbus
Jeffrey Allen Fleeman, Columbus
Michael Allen Jameson, Lima
Simin Shirvanian Jilek, Columbus
Brian Joseph Kay, Parma Heights
Richard Charles Knepfle, Newtown
James Donald Miller, Westerville
Ronald Keith Miller, North Olmsted
Lynell Darlene Ratz, Milwaukee, WI
Ronald Charles Roposh, Westerville
Steven Michael Scholl, Columbus

Bachelor of Science in Industrial and Systems Engineering

Gohayath Bizri, Beirut, Lebanon
Joanne Campolito, Canfield
Sharon Ann Evans, Columbus
Robert Lee Foy, Columbus
John C. Hill, Urbana
Nedim Kalpaklioglu, Ankara, Turkey
Charles Edward Kletrovets, Jr., Columbus
Robert Eugene Lahmers, Cambridge
Carita Ann Mantor, Pataskala
James Joseph Miller, Pickerington

Bachelor of Science in Mechanical Engineering

Byron Thomas Amerine, Jr., Rushsylvania
James Kenneth Bass, Roslyn, NY
Keith Richard Colvin, Waynesburg
Dale Bradley Elliott, Columbus
Donald Franklin Fisher, Springfield
Mary Kay Caridis Fishingier, Columbus
Patricia Ann Fountain, Middletown
Mark H. Fraker, Delta
Mark Steven Hallam, Austintown
Thomas Keith Hartnagel, Orrville
Brenda Gayle Hobbs, Cincinnati
Kevin Michael Kelley, Dayton
Kenneth James Korane, Bedford
Maurice James LaForrest, Findlay
Robert Christopher Lotz, Springfield
James Dale McCall, Springboro
Vera Tode Milenkovski, Columbus
Hamid Noorbakhsh-Damavandi,
Tehran, Iran
Thomas Alan Pettenski, Columbus
Jean-Claude Roynier,
Rio de Janeiro, Brazil
Donald Blaine Thornton, Columbus
David Brian Wallace, Gahanna
David L. Wineland, Oregon

Bachelor of Science in Metallurgical Engineering

Kevin Elliott Johnston, Columbus
Brian Elliot Mackender, Shadyside

Bachelor of Science in Surveying

John Francis Arensberg, Columbus

Bachelor of Science in Welding Engineering

Stephen Kay Handwerk, Utica
Kevin Elliott Johnston, Columbus
Dragan Laskovski, Columbus
Robert Leonard Prince, Norwalk
Clayton Lawrence Taylor, Reading

Bachelor of Science in Architecture

Michael David Crowe, Mentor
George Mitchell Kane, Jr., Columbus
David Allen Reppert, Shillington, PA
Michael Harry Scott, Rossford
Robert Lewis Shook, Gambier
Kent V. Thompson, New Lexington

Bachelor of Science in Landscape Architecture

Howard Benjamin Rapport, Akron
Stephen William Volkman, Canton
David Charles Whited, Columbus

College of Medicine

Dean: Henry G. Cramblett, M.D.

Doctor of Medicine

Christopher Robert Edward Lee Dixon,
Columbus
B.S. (Howard University)

W. L. Gregory Siefert, Columbus
B.A. (Miami University)

David Lee Ward, Columbus
B.A. (Otterbein College)

William Douglas Weaver, North Olmsted
B.S.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Leon Joseph Camerlengo, Steubenville
Constance Margaret Dennis, Stow
Deborah Lynn Frankenberg, Columbus
Terrance Allen George, Parma
Gloria Manette Mitten, Chillicothe

Certificate of Nurse Anesthetist

Cynthia Lou Bender, Portsmouth
A.A.S. Nursing (Ohio University)
Marsha Elaine Bradley, Columbus
R.N. (St. Vincent's Hospital School
of Nursing, Jacksonville, Fla.)
Billie Jean Dingess, Portsmouth
A.D.N. (Shawnee State University)
Diane Whiteside Estes, Dayton
A.A.S. Nursing (Sinclair Community
College)
Barbara Jo Stinard, Columbus
R.N. (Riverside School of Nursing)
Ellen Moats Turner, Columbus
B.S.
Patricia Sue White, Thornville
R.N. (Mt. Carmel School of Nursing)

Certificate of Post Baccalaureate Circulation Technologist

Howard Adam Black, Akron
B.S.
Gregory Hall Landis, Columbus
B.A. (Otterbein College)

School of Nursing

Bachelor of Science in Nursing

Catherine Agnes Bellman, Ottawa
Karen Louise Chisholm, Pittsburgh, PA
Clyde Carson Daves, Jr., Charlotte, NC
Ann Wood Fowler, Bellaire
Chester Lawrence Friday, Jr., Columbus
Suzanne Renee Gabbard, Columbus
Victoria Lynn Giles, Lancaster
Sue Ann Hendricksen, Columbus
Marcie Jean Lombardo, Akron

¹ Also Bachelor of Science in Surveying,
College of Engineering

² Also Bachelor of Science in Welding Engineering

³ Also Bachelor of Science in Civil Engineering

⁴ Also Bachelor of Science in Metallurgical
Engineering

Diana Jo Louks, Columbus
R.N.
Cheryl Ann McCarty, Eaton
Cordia Antoinette Mackey, Columbus
Pamela Magden, South Euclid
Jany Michele Miller, East Palestine
Mary Ann Minken, Conneaut
Janet Louise Ryan, Columbus
Mary Ann Salvatore, Akron
Judy Simms, Columbus
R.N.
Susan Ann Voges, Cincinnati
Wendy Elizabeth Weigel, North Canton

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Donnie Eugene Bixler, Goshen
B.S.
Bruce Gene Briggs, Hudson
Robert Jay Browning, Cortland
Steven Ray Goebel, Reedsville
Rosemary Hartig, Grove City
Beth Ann Hohman, Kent
Barry Allan Levin, Akron
William Earl Lloyd, Bowerston
James Bernard Mahoney, New Springfield
Jeffrey James Mikolay, Struthers
Walt Edward Myers, Akron
Hershel Ellsworth Neff, Jr., Rittman
Bridget Marie O'Brien, Grove City
Stanley Shaw Scarbrough, Findlay
B.S. (Findlay College)
Jean Marie Schulze, Cincinnati
Susan Miguel Snodgrass, Cadiz
James David Weaver, Westerville
Theresa Marie Zachel, Toledo

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Gina Marie Fabiano, Canton

Graduates with Honors

Summa Cum Laude

Laurie Beringer-Yek, Columbus
Barbara Lynn Camens, Youngstown
Clyde Carson Daves, Jr., Charlotte, N. C.
Alice Jean Greenwald, Tiffin
Mary Ann Hansen, Osgood, Ind.
Ronald Larry Huelskamp, Versailles
Margaretha S. Lucas, Lima
Doris Jean Meinerting, St. Marys
Rebecca Lynne Madigan, Zanesville
John Robert Oller, Youngstown
Kim Joseph Risner, Tiffin

Cum Laude

Rae Jean Armstrong, Circleville
Amy Marie Bailey, Xenia
Rhonda McDowell Beam, Winchester
Brenda Kay Rucker Belleville, Delaware

Charles Richard Bland, Columbus
Anthony James Bornhorst, Ft. Loramie
Jeannalice Margaret Brickman, Delphos
Robert Jay Browning, Courtland
Leon Joseph Camelengo, Columbus
Michael Francis Coady, Columbus
Lawrence Allen Cohen, Cleveland
Colleen Elizabeth Cook, Marietta
Amy Elizabeth Curtiss, Circleville
Arthur Steven Ditty, Grove City
Heide Ilse Fabiano, Columbus
James Richard Flath, Shelby
Sara Jo Foster, Sylvania
Michael David Frison, Columbus
Richard Leon Garrison, Columbus
Carol Ann Gearig, Holland
Christopher Robin Gibbs, Sidney
Victoria Lynn Giles, Lancaster
Newton Robert Grillo, Jackson
Robert Lee Hageman, Kettering
Ronald Joseph Harkins, Worthington
John Sutton Hire, Mansfield
Stephen E. Houck, Kettering
Mary Elizabeth Hritz, Geneva
Millie Fitch Hughes, Lima
Pamela Sharon Kagay, Centerville
Loretta Lynne Kelley, Columbus
Julie Ann Kime, Rittman
Richard Carl Krohn, Columbus
William James Kurelic, Jr., Columbus
Valerie Jean Lammers, Dover
Suzanne Marie Lishka, Columbus
Charles Murray Little, Columbus
Laurie Blough Miller, Columbus
Deborah Lee Mills, Cincinnati
Ronald E. Oechlin, Columbus
Judy L. Oprandi, Alliance
Alice Rose Pionowarczyk, Springfield, N. Y.
Steven Lynn Poling, Somerset
Steven Michael Powell, Deshler
Lawrence Steven Press, Columbus
Steven Purcell, Loudonville
Suzanne Ellen Russ, Louisville, Ky.
Bruce M. Schmidt, Worthington
Bernard Steven Sharfman, Toledo
Robin Joann Shaw, Carbondale, Colo.
Alan Charles Shermer, Athens
Joanne Marie Shoemaker, Columbus
David Jay Smith, Lima
Linda Jean Starkey, Shreve
Judith Ann Stevens, Mansfield
William Edwin Stone, S. Euclid
Mark John Summers, Newark
Mark Alan Tracey, Wooster
Susan Ann Voges, Cincinnati
Ray Stanton Wheasler, Columbus
James Robert Yeazel, Eaton

Summa cum laude with distinction in Agronomy

Patricia Lentz, Marysville

Summa cum laude with distinction in Plant Pathology

Mary Ann Hansen, Osgood, Ind.

Summa cum laude with distinction in Resource Development

Kenneth Eugene Peterson, Forest Park

Cum laude with distinction in Animal Science

Robin Dishong, Columbus

Cum laude with distinction in Fisheries Management

Douglas James Maloney, Columbus

Cum laude with distinction in Food Science

Elizabeth Mary Heckler, Cincinnati

Cum laude with distinction in Resource Development

Stephen Vincent Quinlan, South Euclid

Cum laude with distinction in Zoology

Sanford Z. Melmed, Columbus

Cum laude with honors in Liberal Arts

Diane Esta Williams, Canton

With distinction in Forest Biology

Jeffrey Stuart Ward, Milan

With distinction in Psychology

Christine Berka, York, Pa.

With honors in Liberal Arts

Sandra Elizabeth Bell, West Chester
Deborah Levine, Columbus

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 6, 1979

The Board of Trustees met at its regular monthly meeting on Friday, April 6, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Leonard J. Immke.

* * *

Minutes of the last meeting were approved.

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April 6, 1979 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 9:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel matters and collective negotiation issues.

Present: Howard D. Sirak, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 11:15 a.m.

RESOLUTIONS IN MEMORIAM

Resolution No. 79-108

Synopsis: Resolutions honoring the service of four of this University's faculty members and a former member of the Board of Trustees who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Floyd S. DeLashmutt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 11, 1979 of Floyd S. DeLashmutt, Professor Emeritus, Cooperative Extension Service.

Professor DeLashmutt was born August 18, 1889, in Columbus, Ohio. He graduated from Grove City High School in 1909 and graduated from The Ohio State University with a Bachelor of Science degree in 1916.

Professor DeLashmutt served as the first County Extension Agent in Athens County from July 1, 1917 to March 29, 1920. On March 8, 1921, he was appointed County Agricultural Agent for Ottawa County, Ohio and remained there until June 30, 1924, when he resigned to accept a field managership with the Ohio Farm Bureau Federation.

Professor DeLashmutt returned to Extension employment January 1, 1934 as County Agricultural Agent in Richland County and on December 1, 1934 transferred to the position of Specialist, Farm Management in the Department of Rural Economics. In his service as a Farm Management Specialist he was respected as an agricultural leader by his county agent constituents and by his peers in Extension education.

Professor DeLashmutt was dedicated to his family, community and profession. He will be remembered for outstanding contributions in representing The Ohio State University through the Ohio Cooperative Extension Service for the people of Ohio.

April 6, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Floyd S. DeLashmutt (contd)

On behalf of the University community, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss the family, the University and his many friends have sustained.

D. Luther Evans

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 12, 1979, of D. Luther Evans, Professor Emeritus in the Department of Philosophy.

Dr. Evans graduated from The Ohio State University where he received his B.A. degree in 1917, M.A. degree in 1920, and Ph.D. degree in 1923. Hobart College awarded him a D.H.L. degree in 1945.

A productive scholar in his field, Professor Evans retired in 1965 from active teaching in Ohio State's Department of Philosophy which he joined in 1922. After teaching at Ohio Wesleyan (1925-28) and at the College of Wooster (1928-38), where he was Compton Professor, Philosophy Department Head, and Dean of Men, Dr. Evans returned to Ohio State to serve as Professor and, from 1938-43, as Junior Dean of the College of Arts and Sciences.

Dr. Evans was coauthor of several books, including *Fundamentals of Philosophy* and *Logic: Theoretical and Applied* and others. He wrote *New Realism and Old Reality*, 1928, *Essentials of a Liberal Education*, 1942, and *A Free Man's Worship*, 1949. He likewise wrote numerous articles, book chapters, and reviews for both the professional and popular audience.

From 1943-45, Dr. Evans served as Commanding Officer of a United States Naval V-12 Unit at Hobart and William Smith Colleges. At various times he also accepted visiting professorships at Lafayette College, Boston University, University of Wisconsin, Wittenberg University, and Capital University.

Beyond his service to Ohio State and its students as teacher, advisor, administrator, and member of manifold university councils and committees, Dr. Evans served as secretary to Governor Lausche's Committee on Higher Education in 1946. He was, moreover, unstinting in his service to various philosophical associations, charitable organizations, and state and national committees of the Presbyterian church.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Evans its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

April 6, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William Hollis Ewing

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 5, 1979, of William Hollis Ewing, Associate Professor Emeritus in the Department of Communication.

Dr. Ewing received his B.A. from Rio Grande College in 1922, his M.A. from Northwestern University in 1929, and his Ph.D. from The Ohio State University in 1942.

An authority on the mass media, Professor Ewing retired in July, 1973. He joined the faculty at Ohio State in 1942, and then served as Program Director and Associate Director of WOSU (1944-1958) and as Associate Director of the Telecommunications Center (1959-1973).

Dr. Ewing was the author of several studies on voice improvement and teaching methods. But his greatest contributions were in the area of broadcasting. Both at WHIZ in Zanesville and at WOSU, he produced numerous programs for high school, university and service groups.

During the 1965-1966 academic year, Dr. Ewing was appointed to a Fulbright Lectureship at the University of Glasgow. While there he became a devoted student of the poetry of Robert Burns.

Dr. Ewing was a member of the National Collegiate Players, the Speech Communication Association, Phi Delta Kappa, and the Radio and T.V. Executive Club.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Ewing, its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Philip P. Poirier

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 28, 1979, of Philip P. Poirier, Professor in the Department of History.

Dr. Poirier graduated from Boston University with the A.B. degree in 1942, served in Europe with the United States Army, Counter Intelligence Corps during World War II, and graduated from Harvard University with the Ph.D. degree in 1953. He was associated with The Ohio State University's Department of History since 1952, rising from instructor to the rank of professor.

A noted authority on modern British history and politics, Professor Poirier was best known for his work on the British Labour Party. His book, *The Advent of the British Labour Party*,

April 6, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Philip P. Poirier (contd)

was awarded the Triennial Prize of the Conference on British Studies in 1961. His scholarly achievements were recognized by election to Phi Beta Kappa and by awards from the American Council of Learned Societies, the American Philosophical Society and the Guggenheim Foundation. Equally well known in Britain, he was elected a Fellow of the Royal Historical Society.

Professor Poirier was also a distinguished teacher of modern European history and particularly of modern British history. His lively and animated teaching stimulated several generations of Ohio State students.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Poirier its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Donald C. Power

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 11, 1979, of Donald C. Power.

Mr. Power was the former president, chief executive and director of the General Telephone and Electronics Corp., which under his leadership became one of the world's largest communications and electronics companies. He also had a long association with this University as student, faculty member and, from 1944-51, as a member of the Board of Trustees, serving as Board chairman in 1950-51.

A native of Paine Station in Washington County, Ohio, he held three degrees from Ohio State: the Bachelor of Science in Business Administration degree which he received in 1922, the Juris Doctor degree, 1926, and the Master of Science in Business Administration degree, 1929.

Mr. Power taught in the former College of Commerce and Administration at various times between 1922 and the early 1940's. He also was an assistant attorney general and counsel for the Public Utilities Commission of Ohio from 1933 to 1936, and in 1939 began a four-year term as secretary to Governor John W. Bricker.

In 1951 he left private law practice to become president and chief executive officer of General Telephone Corp. after serving as rate counsel for fifteen operating subsidiaries and director of the Ohio subsidiary. Eight years later the firm merged with Sylvania Electronics Products, Inc., to form General Telephone and Electronics Corp.

Mr. Power retired as GTE's chief executive officer in 1966, as chairman in 1971 and as director in 1972.

April 6, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Donald C. Power (contd)

The University's Board of Trustees conferred upon him its Distinguished Service Award in 1954, and he received both the Alumni Centennial Recognition Award and the Distinguished Alumni Award of the College of Law in 1970.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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AMENDMENT TO RULE 3335-3-03

Resolution No. 79-109

Synopsis: Amendment to rule 3335-3-03 is being proposed.

WHEREAS institutional tradition and courtesy frequently suggests the granting of honorary degrees; and

WHEREAS the President is limited to recommending two candidates for honorary degrees each year:

NOW THEREFORE

BE IT RESOLVED, That paragraph (C) of rule 3335-3-03 of the Administrative Code be amended to provide for four candidates per calendar year instead of the present two candidates, in accordance with the recommendation from the University Senate at the meeting held March 3, 1979.

3335-3-03 The president.

- (C) After consultation with the steering committee of the university senate, the president may recommend to the board of trustees candidates for honorary degrees. The number of candidates so recommended shall be limited to four per calendar year. This right and its limitation in no way abrogates the power of the university senate to recommend candidates for honorary degrees (rule 3335-5-41 of the Administrative Code).

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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April 6, 1979 meeting, Board of Trustees

**ESTABLISHMENT OF OFFICE OF FINANCE AND PLANNING
AND REALIGNMENT OF ADMINISTRATIVE FUNCTIONS**

Resolution No. 79-110

Synopsis: Establishment of Office of Finance and Planning and realignment of administrative functions is being proposed.

WHEREAS the following changes in the central administrative structure and function alignment have been found to be desirable and would promote better administrative coordination:

NOW THEREFORE BE IT RESOLVED, That there shall be established an Office of Finance and Planning to be headed by a Vice President, and that the functions/duties currently assigned to the Executive Assistant to the President and Director of Budget and Resources Planning shall be incorporated in this new office.

BE IT FURTHER RESOLVED, That the following other specific realignments in function within central administrative offices be made concurrent with the above change:

1. That the Accounting, Inventory and Indirect Cost offices, including the University Controller, be assigned to the Office of the Vice President for Finance and Planning;
2. That the Office of Registration Services be assigned to the Office of Educational Services; and
3. That the responsibility for coordinating and overseeing environmental health and safety programs be assigned to the University Health Service through the Vice President for Student Services.

BE IT FURTHER RESOLVED, That the appropriate changes to the *Bylaws of the Board of Trustees* and the *Rules of the University Faculty*, as provided in the attached document, shall be made to effect the changes set forth above.

Upon motion of Mrs. James, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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BYLAWS

3335-1-03 Administration of the university.

(A) The office of the president.

- (1) The office of the president shall consist of:
 - (a) The president,
 - (b) The special assistants to the president,
 - (c) The university ombudsman, and
 - (d) The affirmative action officer.
- (2) The office of the president shall include such additional officers as the president, with the consent of the board, may from time to time appoint.

(B) The president.

- (1) The president shall be the chief executive officer of the Ohio state university and shall be responsible for the entire administration of the university, subject to control of the board of trustees. He shall lead in fostering and promoting education and research as the primary aims of the university. It shall be his duty to enforce the bylaws, rules and regulations of the board of trustees, and, as a member of the faculty, he shall interpret to the board proposals and actions of the faculty. He is hereby clothed with the authority requisite to that end.
 - (2) Any authority or responsibility of the president may be delegated by him to another person in the office of the president or to any other member of the faculty or staff of the university. Delegation of major areas of authority or responsibility shall have the prior consent of the board of trustees.
 - (3) The president shall be a voting member of all college faculties, of the graduate school faculty, and of the faculty of the arts and sciences. He shall be a voting member and presiding officer of the university faculty and of the university senate. He shall appoint all committees of the university faculty and of the university senate, unless membership has been designated by rule.
- (C) The president; duty to present matters to the board. All major appointments and all major questions of university policy, including the annual budget and matters involving expenditures of one thousand dollars or more, to be recommended by the president shall be presented (either completely or in summary form) by the president to each member of the board prior to the meeting at which the matter is to be considered by the board.
- (D) The president; relation to faculty and staff. Each member of the faculty shall be responsible to the chairman of his department or to the director of his school and through him to the dean and the president for the faithful and efficient performance of his duties. Every other member of the university staff shall be so responsible to his division head and through him (and when applicable) to his director and dean, and then to the president.

BYLAWS

(E) The president's staff.

- (1) The president's staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, and special assistants.
- (2) Each member of the president's staff shall have a major area of responsibility as assigned to him by the president with the consent of the board of trustees. He shall, subject to the control of the president, exercise authority within his major area of responsibility and such other areas as may be assigned to him by the president from time to time.
- (3) Assignment of specific areas of responsibility to members of the president's staff shall be made by the president with the approval of the board of trustees.

(F) Provost. The major area of responsibility and authority of the provost shall be that of all academic matters of the university including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the provost shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the office for the coordination of minority affairs and in cooperation with the other existing agencies of the university, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the vice president for educational services, the development of the university libraries and other learning resources; in cooperation with the vice president for regional campuses, the development of the four regional campuses of the university; the administrative coordination of the Ohio state university research foundation; and as a deputy of the president of the university, be responsible for the coordination of all matters administratively assigned to the other vice presidents of the university which relate to the academic program of the university.

(G) Secretary of the board of trustees. The major area of responsibility and authority of the secretary of the board of trustees shall be that of custodian of the official books and records of the board.

BYLAWS

- (H) Vice president for business and administration. The major area of responsibility and authority of the vice president for business and administration shall be that of the administration of the university operations. Without limiting the generality of the foregoing, the vice president for business and administration shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; internal auditing; contracts administration and food services administration; business management; the development, allocation, utilization, and maintenance of the physical facilities; traffic and parking; the administration of the office of public safety; university systems; the treasurer of the university; and the coordination of all matters administratively assigned to the other vice presidents which relate to the business and administrative areas of the university.
- (I) Vice president for student services. The major area of responsibility and authority of the vice president for student services shall be that of student services at the university. Without limiting the generality of the foregoing, the vice president for student services shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of all residence and dining hall facilities; nonacademic student discipline; the student health service including primary responsibility for university-wide environmental health and safety; university union facilities and programs; student athletic programs including intercollegiate athletics, recreation and intramural programs; counseling; student financial aids and scholarships; off-campus student housing; and international student programs.
- (K) Vice president for educational services. The major area of responsibility and authority of the vice president for educational services shall be that of the educational services of the university. Without limiting the generality of the foregoing, the vice president for educational services shall, under the direction of the president, through the appropriate coordinating deputy and with the approval of the board of trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for registration services including admissions, registration and records; university libraries, the telecommunications center and other learning resources; the development of instructional programs of the departments of air force aerospace studies, military science, and naval science; and the operation of the Fawcett center for tomorrow.

BYLAWS

- (L) Vice president for health sciences. The major area of responsibility and authority of the vice president for health sciences shall be that of the health sciences at the university. Without limiting the generality of the foregoing, the vice president for health sciences shall, under the direction of the president, and with the approval of the board of trustees, be responsible and have the requisite authority for the administration of: the colleges of dentistry, medicine, optometry, pharmacy, and veterinary medicine, and their clinics, schools, and hospitals, including such other supporting services and facilities as the health sciences library; laboratory research animal program; radiation safety; medical audio-visual and TV center; mental retardation center; cancer research center; center for continuing medical education; computer assisted instruction for community hospitals; agreements and cooperative arrangements with various regional and governmental hospitals. The vice president for health sciences will coordinate academic programs and appointments with the office of the provost and nonacademic budgets and personnel matters with the offices of the vice presidents for personnel services and finance and planning.
- (O) Vice president for finance and planning. The major area of responsibility and authority of the vice president for finance and planning shall be that of the administration of university finances, including planning and resource allocation. Without limiting the generality of the foregoing, the vice president for finance and planning shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: formulation, review and monitoring of capital and current funds budgets; financial accounting, including the university controller; long-range resources analysis and planning, including cost implications of proposed programs; indirect cost analysis and recovery; equipment inventory; projections of enrollments and all factors bearing on future resource requirements and availabilities in the context of the mission and goals of the university.

Chapter 3335-3

RULES OF THE UNIVERSITY FACULTY ADMINISTRATION

3335-3-01 Office of the president.*

- (A) The office of the president shall consist of:
 - (1) The president,
 - (2) The special assistants to the president,
 - (3) The university ombudsman, and
 - (4) The affirmative action officer.
- (B) The office of the president shall include such additional officers as the president, with the consent of the board, may from time to time appoint. (B/T 10/5/73, B/T 4/6/79)

3335-3-05 President's staff.*

- (A) The president's staff shall consist of the president, the provost, the vice president for business and administration, the vice president for student services, the vice president for health sciences, the vice president for regional campuses, the vice president for educational services, the vice president for public affairs, the vice president for personnel services, the vice president for finance and planning, and special assistants.
- (B) Each member of the president's staff shall have a major area of responsibility as assigned to him by the president with the consent of the board of trustees. He shall, subject to the control of the president, exercise authority within his major area of responsibility and such other areas as may be assigned to him by the president from time to time.
- (C) Assignment of specific areas of responsibility to members of the president's staff shall be made by the president with the approval of the board of trustees. (B/T 10/5/73, B/T 4/6/79)

3335-3-06 Provost.*

- (A) The provost shall be the executive head of the office of academic affairs and is the chief academic officer of the university.
- (B) The major area of responsibility and authority of the provost shall be that of all academic matters of the university including instructional, research, and faculty

*Rule initiated by board of trustees.

RULES

affairs. Without limiting the generality of the foregoing, the provost shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the office for the coordination of minority affairs and in cooperation with the other existing agencies of the university, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the vice president for educational services, the development of the university libraries and other learning resources; in cooperation with the vice president for regional campuses, the development of the four regional campuses of the university; the administrative coordination of the Ohio state university research foundation; and as a deputy of the president of the university, be responsible for the coordination of all matters administratively assigned to the other vice presidents of the university which relate to the academic program of the university.

- (C) The principal administrative officials of the office of the provost shall include such associates as may be authorized from time to time. (B/T 10/12/65, B/T 9/10/70, B/T 12/3/71, B/T 10/5/73)

3335-3-07 Secretary of the board of trustees.*

- (A) The secretary of the board of trustees shall be custodian of and responsible for the official records of the board.
- (B) The major area of responsibility and authority of the secretary of the board of trustees shall be that of maintaining the records of the board. Without limiting the generality of the foregoing, the secretary of the board shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: signing, executing, and delivery in the name of the university all deeds, mortgages, bonds, contracts, and other instruments authorized by the board; keep the minutes of all meetings of the board and of the committees of the board; and see that all notices are duly given in accordance with the provisions of the "Bylaws of the Board of Trustees." (B/T 10/5/73)

3335-3-08 Vice president for business and administration.*

- (A) The vice president for business and administration shall be the executive head of the office of business and administration.

*Rule initiated by board of trustees.

RULES

- (B) The major area of responsibility and authority of the vice president for business and administration shall be that of the administration of the university operations. Without limiting the generality of the foregoing, the vice president for business and administration shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; internal auditing; contracts administration and food services administration; business management; the development, allocation, utilization, and maintenance of the physical facilities; traffic and parking; the administration of the office of public safety; university systems; the treasurer of the university; and the coordination of all matters administratively assigned to the other vice presidents which relate to the business and administrative areas of the university.
- (C) The principal administrative officials of the office of business and administration shall include the assistant vice president, administration; associate vice president, physical facilities; treasurer; director, public safety; assistant vice president, business management; director, university systems; contracts officer; food services coordinator; and such other associates as may be authorized from time to time. (B/T 10/5/73, B/T 9/5/75, B/T 4/6/79)

3335-3-09 Vice president for student services.*

- (A) The vice president for student services shall be the executive head of the office of student services.
- (B) The major area of responsibility and authority of the vice president for student services shall be that of student services at the university. Without limiting the generality of the foregoing, the vice president for student services shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extra-curricular activities including all student (or student-connected) organizations; and the administration of all residence and dining hall facilities; nonacademic student discipline; the student health service including primary responsibility for university-wide environmental health and safety; university union facilities and programs; student athletic programs including intercollegiate athletics, recreation and intramural programs; counseling; student financial aids and scholarships; off-campus student housing; and international student programs.
- (C) The principal administrative officials of the office of student services shall be the director of the counseling center, the director of student health service, the director of student unions, the director of student financial aids, the director of athletics, the assistant vice president for residence and dining hall facilities, and such other associates as may be authorized from time to time. (B/T 7/11/68, B/T 9/10/70, B/T 12/3/71, B/T 10/5/73, B/T 4/6/79)

*Rule initiated by board of trustees.

RULES

3335-3-11 Vice president for educational services.*

- (A) The vice president for educational services shall be the executive head of the office of educational services.
- (B) The major area of responsibility and authority of the vice president for educational services shall be that of the educational services of the university. Without limiting the generality of the foregoing, the vice president for educational services shall, under the direction of the president, through the appropriate coordinating deputy and with the approval of the board of trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for registration services including admissions, registration and records; university libraries, the telecommunications center and other learning resources; the development of instructional programs of the departments of air force aerospace studies, military science, and naval science; and the operation of the Fawcett center for tomorrow.
- (C) The principal administrative officials of the office of educational services shall be the assistant vice president for registration services; the director of the teaching aids laboratory; the director of the listening center; the director of computer based education; the director of the Fawcett center for tomorrow; the director of university libraries; the chairman of the department of military science; the chairman of the department of air force aerospace studies; the chairman of the department of naval science; the director of the telecommunications center; and such other associates as may be authorized from time to time. (B/T 4/17/64, B/T 9/10/70, B/T 12/3/71, B/T 10/5/73, B/T 4/6/79)

3335-3-12 Vice president for health sciences.*

- (A) The vice president for health sciences shall be the executive head of the office of health sciences.
- (B) The major area of responsibility and authority of the vice president for health sciences shall be that of the health sciences at the university. Without limiting the generality of the foregoing, the vice president for health sciences shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for the administration of: the colleges of dentistry, medicine, optometry, pharmacy, and veterinary medicine, and their clinics, schools, and hospitals, including such other supporting services and facilities as the health sciences library; laboratory research animal program; radiation safety; medical audio-visual and TV center; mental retardation center; cancer research center; center for continuing medical education; computer assisted instruction for community hospitals; agreements and cooperative arrangements with various regional and governmental hospitals. The vice president for health sciences will coordinate academic programs and appointments with the office of the provost and nonacademic budgets and personnel matters with the offices of the vice presidents for personnel services and finance and planning.

Rule initiated by board of trustees.

RULES

- (C) The principal administrative officials in the office of health sciences shall be the deans of dentistry, medicine, optometry, pharmacy, and veterinary medicine, the chief administrators of university hospitals and the veterinary hospital, and such other associates as may be authorized from time to time. (B/T 7/12/74, B/T 4/6/79)

3335-3-151 Vice president for finance and planning.*

- (A) The vice president for finance and planning shall be the executive head of the office of finance and planning.
- (B) The major area of responsibility and authority of the vice president for finance and planning shall be that of the administration of university finances, including planning and resource allocation. Without limiting the generality of the foregoing, the vice president for finance and planning shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: formulation, review and monitoring of capital and current funds budgets; financial accounting, including the office of the controller; long-range resources analysis and planning, including cost implications of proposed programs; indirect cost analysis and recovery; equipment inventory; projections of enrollments and all factors bearing on future resource requirements and availabilities in the context of the mission and goals of the university.
- (C) The principal administrative officials of the office of finance and planning shall be the assistant vice president, the executive director of university budget, the controller, the director of campus planning and space utilization, the director of planning studies, the director of special projects, and such other associates as may be authorized from time to time. (B/T 4/6/79)

*Rule initiated by board of trustees.

April 6, 1979 meeting, Board of Trustees

**APPOINTMENT OF TRUSTEES TO MEDICAL RESEARCH
AND DEVELOPMENT FOUNDATION**

Resolution No. 79-111

Synopsis: Appointment of four members to Medical Research and Development Foundation Board of Trustees.

WHEREAS the U. S. District Court on March 12, 1979, approved a Medical Practice Plan (Plan) as part of the class action settlement in the case of Wall, et al v. the Board of Trustees of The Ohio State University, et al, Civil Action No. C-2-78-277, U. S. District Court for the Southern District of Ohio, Eastern Division; and

WHEREAS this Board had adopted the Plan conditioned upon said approval by the Court; and

WHEREAS the Plan calls for the formation of The Ohio State University Medical Research and Development Foundation (MRDF) a not-for-profit corporation, with ten Trustees, four of whom are to be appointed by this Board:

NOW THEREFORE

BE IT RESOLVED, That the following four individuals be and they hereby are appointed to serve as Trustees of the MRDF Board of Trustees, to be listed as such in the original Articles of Incorporation of MRDF, to serve until their successors are appointed and qualified:

1. The Chairman of the Board
2. The President
3. The Dean of the College of Medicine
4. The Chief Fiscal Officer of the University

Upon motion of Mrs. James, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTION

Resolution No. 79-112

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment is recommended for approval.

RESOLVED, That the following appointment be approved:

April 6, 1979 meeting, Board of Trustees

PERSONNEL ACTION (contd)

Appointment

Name: WILLIAM E. VANDAMENT
Title: Vice President for Finance and Planning
Office: Finance and Planning
Effective: Immediately
Salary: \$47,040.00
Present Position: Executive Assistant to the President and Director of Budget and Resources Planning

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 79-113

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the March 2, 1979 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles, as detailed in the University Budget for 1978-79 be approved.

Appointments

Name: PATRICK R. DUGAN
Titles: Dean, College of Biological Sciences, and Professor, Department of Microbiology
Effective: April 1, 1979
Salary: \$48,000.00 (12 months)
Present Positions: Acting Dean, College of Biological Sciences, and Professor, Department of Microbiology

Name: DAN DAVID GARRISON
Titles: Director, Agricultural Technical Institute, Associate Dean, College of Agriculture and Home Economics, and Associate Professor, Department of Agricultural Education
Effective: April 1, 1979
Salary: \$35,280.00 (12 months)
Present Positions: Associate Director, Agricultural Technical Institute, and Associate Professor, Department of Agricultural Education

April 6, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: DAVID L. MEEKER
Titles: Director and Professor, School of Music, and Associate Dean, College of the Arts
Effective: April 1, 1979
Salary: \$31,680.00 (12 months)
Present Positions: Associate Dean, College of the Arts, and Professor, School of Music

Leaves of Absence Without Salary

WILLIAM LEE BERRY, Assistant Professor, Academic Faculty of Management Science, effective October 1, 1979 through September 30, 1980, to accept a visiting associate professorship at Babcock Graduate School of Business Administration, Wake Forest University, Winston-Salem, North Carolina.

JOHN C. HENDERSON, Assistant Professor, Academic Faculty of Management Science, effective October 1, 1979 through September 30, 1980, to visit at Wharton School of Business, University of Pennsylvania, Philadelphia, Pennsylvania.

CAROL JUSENIUS, Assistant Professor, Department of City and Regional Planning, effective March 16, 1979, through June 30, 1980, to work with the National Commission for Manpower Policy, Washington, D. C.

KEVYN DEAL, Instructor, Department of Preventive Medicine, effective January 1, 1979 through February 28, 1979, for personal reasons.

Professional Improvement Leaves

DAVID L. BICKELHAUPT, Professor, Academic Faculty of Finance, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

WILFORD L. L'ESPERANCE, Professor, Department of Economics, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

JOHN FRIEDL, Associate Professor, Department of Anthropology, effective Autumn Quarter 1979 and Winter Quarter 1980.

WEN LANG LI, Associate Professor, Department of Sociology, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

ICHIKO T. MORITA, Assistant Professor, University Libraries, effective Autumn Quarter 1979 and Winter Quarter 1980.

April 6, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

FRANK FLETCHER, Department of Psychology, with the title Professor Emeritus, effective July 1, 1979.

JOHN B. MOWBRAY, Cooperative Extension Service, with the title Professor Emeritus, effective April 1, 1979.

BETTY J. FONNER, Cooperative Extension Service, with the title Associate Professor Emeritus, effective March 1, 1979.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-114

Synopsis: The reports on contracts, grants and gifts and the summary for February are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration and The Ohio State University Development Fund during the month of February 1979, be approved.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR FEBRUARY 1979

Source	No. of Projects	Support Level
Office of Business and Administration	3	\$ 36,107.14
The Ohio State University Research Foundation	51	7,251,862.00
		\$7,287,969.14
The Ohio State University Development Fund	3, 283 Donors	\$ 596,460.73

Establishment of Named Funds

The Jack M. George Fund (Research and training in endocrinology)	\$ 347,538.00
The Kitty Dallas Cline Trust (School of Nursing)	21,589.41
The Marjorie R. and Charles H. Hoover Memorial Scholarship - Vocal Music (School of Music Scholarships)	10,000.00

New Presidents Club Members - February 1979

Thomas L. Benecke	Richard A. Menke
Dennis A. Burns	Nancy D. Moore
Albert F. Cameron III	James J. Portman
G. Courtney Chapman	Gary L. Rogers
Frank R. Cosiano	Alan L. Rosen
James C. Demler	Jane E. Schriver
David R. Dickson	Gale V. Slack
Kerry C. Dustin	Carolyn L. Smith (Mrs. Joseph R.)
Ramon E. Johnson	William Toennies
Bruce E. Lawhun II	James R. Trueman
Floyd I. Lower	Shirle N. Westwater (Mrs. William K.)
William J. McBride	Harold A. Williams
Naurine R. McCormick	Carole Moore Wright (Mrs. Larry H.)
Dennis I. Mendelson	Walter E. Yingling

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1 to December 31, 1978

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Donors	No. of Donors	Level of Support
ANNUAL GIVING		
Direct Mail	2,073	\$ 44,539.52
Annals	3,674	116,496.26
Miscellaneous	5,111	243,072.73
Community Campaigns	2,140	35,984.50
Corporate Matching Gifts	27	39,400.44
TOTALS	13,025	\$ 479,493.45
MAJOR RESOURCES		
Deferred Gifts	25	\$ 746,206.71
Major Individuals	495	1,293,557.04
Corporate	301	1,208,597.15
Foundations	174	544,493.65
TOTALS	995	\$3,792,854.55
GRAND TOTAL	14,020	\$4,272,348.00

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

OFFICE OF BUSINESS AND ADMINISTRATION

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$16,750.00 - Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, for activities of the Regional Archaeological Preservation Office, The Ohio State University (Mansfield Regional Campus), January 1, 1979 through September 30, 1979.

\$16,500.00 - Ohio Historic Preservation Office, Ohio Historical Center Columbus, Ohio, for continuing the Ohio Historic Inventory in the county seats and larger settlements of the seven county region (Ashland, Coshocton, Holmes, Knox, Morrow, Richland, and Wayne Counties); assisting the several local community historic inventory efforts which have begun; assisting individuals in the preparation of nominations to the National Register of Historic Places; consulting with local property owners, local government, and state agencies on historic preservation matters, The Ohio State University (Mansfield Regional Campus), January 1, 1979 through September 30, 1979.

\$2,857.14 - Franklin County Board of Education, Columbus, Ohio, for courses entitled "Directive Teaching of Exceptional Children," and "Pre-Vocational Skills for Handicapped Students," Academic Faculty for Exceptional Children, January 2, 1979 through March 16, 1979.

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS**

\$36,107.14

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$5,064,497.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., The National Center for Research in Vocational Education, National Center for Research in Vocational Education (R. E. Taylor), 1 February 1979 through 31 January 1980. (Project 761008 - Continuation)

\$194,993.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, CTS/Comstar Communication Link Characterization Experiment, Department of Electrical Engineering, ElectroScience Laboratory (D. B. Hodge), 1 March 1979 through 28 February 1980. (Project 760316 - Continuation)

\$166,506.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine (H. E. Wilson) and Department of Radiology (F. Batley), 1 January 1979 through 31 December 1979. (Project 761094 - Continuation)

\$110,500.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, Geodetic and Geophysical Parameters, Department of Geodetic Science (U. A. Uotila), 1 December 1978 through 30 September 1979. (Project 761486 - New)

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$78,690.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., The Cognitive Processes of Contextual Features Produced by Children in Three Modes of Discourse, Interactive Speech, Dictation and Writing, Academic Faculty of Early and Middle Childhood Education (M. L. King) and Academic Faculty of Humanities Education (V. Rentel), 1 January 1979 through 31 December 1979. (Project 761513 - New)

\$70,996.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Experimental Studies of Trailing Edge Flows, Department of Aeronautical and Astronautical Engineering (S. L. Petrie and K. Korkan), 1 February 1979 through 31 January 1980. (Project 761016 - Continuation)

\$64,114.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Electrocatalysis of Oxygen Using Water Soluble Metal Porphyrins and Chemically Modified Porphyrin Electrodes, Department of Chemistry (T. Kuwana), 1 September 1979 through 30 September 1980. (Project 761254 - Continuation)

\$61,500.00 - National Science Foundation, Washington, D. C., Acquisition Equipment for a X-ray Diffractometer and a Fluorescence Spectrometer, Department of Ceramic Engineering (C. H. Drummond), 1 February 1979 through 31 January 1980. (Project 761534 - New)

\$60,000.00 - National Science Foundation, Washington, D. C., Ductile Fracture and Hydrogen Embrittlement, Department of Metallurgical Engineering (J. P. Hirth), 1 January 1979 through 31 December 1979. (Project 761528 - Continuation)

\$46,996.00 - National Science Foundation, Washington, D. C., A Grammar and a Dictionary of the Sora Languages, Department of Linguistics (D. L. Stampe), 1 January 1979 through 31 December 1979. (Project 761549 - New)

\$44,000.00 - National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria, Department of Chemistry (J. Hine), 1 March 1979 through 29 February 1980. (Project 760599 - Continuation)

\$35,000.00 - National Science Foundation, Washington, D. C., Analytical and Physico-Chemical Studies by Gas-Liquid Chromatography, Department of Chemistry (R. J. Laub), 15 February 1979 through 29 February 1980. (Project 761541 - New)

\$33,638.00 - National Endowment for the Humanities, Washington, D. C., Profession in Crisis: Historical Perspective on Current Criticisms of Medicine, Department of Chemistry (J. C. Burnham), 1 December 1978 through 31 December 1979. (Project 761527 - New)

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$30,000.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Conduct Investigation of Clinical Pharmacology of Potential Anticancer Agents, Department of Medicine (J. A. Neidhart), 23 December 1978 through 30 September 1979. (Project 760272 - Continuation)

\$25,974.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Techniques for the Analysis of Terrestrial and Satellite Data for the Determination of the Earth's Gravitational Field, Department of Geodetic Science (R. H. Rapp), 2 February 1979 through 29 February 1980. (Project 760056 - Continuation)

\$25,569.00 - Department of the Air Force, Electronic Systems Command, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Correlation Properties of Differential Reflectivity and Their Implications for Radar Meteorology, Department of Electrical Engineering (T. A. Seliga), 1 February 1979 through 31 January 1980. (Project 761512 - New)

\$24,744.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Regional Conference on Recent Advances in Variance Components and Applications, Department of Statistics (J. S. Rustagi), 15 January 1979 through 15 January 1980. (Project 761507 - New)

\$23,302.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Deformation Structures in Metal Crystals Due to Wear and Machining at High Speeds, Department of Industrial and Systems Engineering (J. T. Black), 1 March 1979 through 31 December 1979. (Project 760931 - Continuation)

\$21,940.00 - National Science Foundation, Washington, D. C., Student Science Training, Department of Engineering Graphics (L. F. Smith), 15 February 1979 through 31 October 1979. (Project 761540 - New)

\$13,400.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pathogenesis of Infection by Feline Leukemia, Department of Veterinary Pathobiology (E. A. Hoover and J. L. Rojko), 1 January 1979 through 31 December 1979. (Project 761041 - Continuation)

\$8,350.00 - National Science Foundation, Washington, D. C., Transport of Crude Oil as Oil-In-Water Emulsions, Department of Chemical Engineering (J. L. Zakin), 15 January 1979 through 31 October 1979. (Project 761556 - New)

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$7,615.00 - National Science Foundation, Washington, D. C., Stratigraphy and Sedimentary Petrology of the Fremouw Formation of the Cumulus Hills, Antarctica, Institute of Polar Studies, Department of Geology and Mineralogy (J. W. Collinson and K. Stanley), 1 April 1979 through 31 December 1979. (Project 760656 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for Agricultural Technical Institute, Wooster, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761498 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for The Ohio State University, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761499 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Newark Regional Campus, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761500 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Mansfield Regional Campus, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761502 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Lima Regional Campus, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761503 - Continuation)

\$3,963.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Library and Learning Resources, Washington, D. C., Acquisition of Academic Library Resources for the Marion Regional Campus, University Libraries (G. D. Guthrie), 1 October 1979 through 30 September 1980. (Project 761504 - Continuation)

\$3,099.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Geography and Regional Science, Department of Geography (K. R. Cox and F. Nartowicz), 1 February 1979 through 30 November 1979. (Project 761542 - New)

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$520.00 - Department of Health, Education and Welfare, Office of Human Development, Office of Rehabilitation Services, Chicago, Illinois, Teaching Grant and Traineeships in Physical Therapy, School of Allied Medical Professions (F. M. Pierson), 1 September 1978 through 31 August 1979. (Project 760804 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS \$6,239,721.00

State of Ohio Research Contracts/Grants

\$171,396.00 - Ohio Department of Agriculture, Columbus, Ohio, Hog Accelerated Marketing System - A Pilot Project for Computerized Electronic Marketing of Slaughter Hogs, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and E. D. Baldwin), 1 November 1978 through 31 October 1980. (Project 761446 - New)

\$19,940.00 - Ohio Advisory Council for Vocational Education, Columbus, Ohio, The Impact of the Guided Learning Experience in Ohio, National Center for Research in Vocational Education (R. E. Taylor), 1 February 1979 through 31 December 1979. (Project 761546 - New)

\$13,801.00 - Ohio Department of Health, Columbus, Ohio, Language Retraining for Aphasic Individuals, Department of Communication (S. Goff), 1 January 1979 through 30 September 1979. (Project 760680 - Continuation)

\$7,600.00 - Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, An Archaeological Survey of the Big and Little Darby Creeks, Department of Anthropology (W. Dancy), 2 February 1979 through 1 February 1980. (Project 761538 - New)

\$4,700.00 - Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, An Archaeological Survey in the Deer Creek Drainage System, Department of Anthropology (W. Dancy), 2 February 1979 through 1 February 1980. (Project 761536 - New)

\$4,500.00 - Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, A Survey of a Tract of Upland Territory Between Paint Creek and the North Fork of Paint Creek at Their Confluence, Department of Anthropology (W. Dancy), 2 February 1979 through 1 February 1980. (Project 761537 - New)

\$3,200.00 - Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, An Archaeological Survey of the Area Within a Five-Mile Radius of the Confluence of the Olentangy and Whetstone Rivers in Delaware County, Ohio, Department of Anthropology (D. T. Hughes), 2 February 1979 through 1 February 1980. (Project 761539 - New)

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$2,601.00 - Ohio Department of Health, Columbus, Ohio, Training Program in Rehabilitation Nursing, Department of Physical Medicine (E. Johnson), 1 October 1978 through 30 September 1979. (Project 761328 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$227,738.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$316,345.00 - Division of Student Development Services, Columbus Public Schools, Columbus, Ohio, Skills Training Improvement Program (STIP), National Center for Research in Vocational Education (R. E. Taylor), 21 February 1979 through 30 June 1980. (Project 761551 - New)

\$232,316.00 - CPC International, Incorporated, Englewood Cliffs, New Jersey, Development of an HV-2 Host-Vector Molecular Cloning System for *Bacillus subtilis*, Department of Microbiology (D. H. Dean), 1 July 1979 through 30 June 1981. (Project 761554 - New)

\$92,732.00 - American Cancer Society, Inc., New York, New York, Tumor Cell Destruction by Alveolar Macrophages: Functional Heterogeneity, Department of Microbiology (B. S. Zwillig), 1 January 1979 through 31 December 1980. (Project 761547 - New)

\$47,404.00 - Battelle - Columbus Laboratories, Columbus, Ohio, Large Animal Pre-clinical Evaluations of Pharmacodynamic Effects of Antineoplastic Compounds on the Cardiovascular System, Department of Veterinary Physiology (R. L. Hamlin), 1 November 1978 through 30 September 1979. (Project 760245 - Continuation)

\$35,000.00 - Virginia State Corporation Commission, Richmond, Virginia, Fuel Cost Forecasting and Monitoring Procedures, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 17 October 1978 through 30 June 1979. (Project 761426 - New)

\$19,045.00 - Virginia Polytechnic Institute and State University, Blacksburg, Virginia, Investigation of Oil Persistence in Tundra and Its Impact on the Belowground Arctic Ecosystem, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 1 October 1978 through 30 September 1979. (Project 760271 - Continuation)

\$12,000.00 - Central Ohio Heart Chapter, American Heart Association, Columbus, Ohio, Study of Prolapsing Mitral Valves, Department of Pathology (N. Baba and P. B. Baker), 1 July 1979 through 30 June 1980. (Project 761543 - New)

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$10,230.00 - City of Columbus, Finance Department, Division of Fire, Columbus, Ohio, A Problem-Solving Model for the Application of Federal Research and Development Outputs to Urban Issues and Problems in Columbus, Ohio, School of Public Administration (J. P. Stanley), 1 July 1978 through 30 June 1979. (Project 761530 - Continuation)

\$6,554.00 - Franklin County Board of Mental Health and Mental Retardation, Columbus, Ohio, Development of a Decision Support System, Academic Faculty of Management Science (J. C. Henderson), 1 January 1979 through 31 August 1979. (Project 761522 - New)

\$5,577.00 - Southwest Oncology Group, Kansas City, Kansas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (H. E. Wilson) and Department of Pathology (R. O'Toole), 1 January 1979 through 30 June 1979. (Project 761460 - Continuation)

\$5,500.00 - Dystonia Medical Research Foundation, Beverly Hills, California, Biochemical Alterations in Rat Striatum Following Chronic Exposure to Manganese, Department of Pharmacology (J. R. Bianchine), 1 March 1979 through 29 February 1980. (Project 761531 - New)

\$1,500.00 - McCauley Accessory Division, The Cessna Aircraft Company, Vandalia, Ohio, Analyze Airfoils to Supplement Sponsor's Computer Data Bank, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and K. Korkan), 13 December 1978 through 31 January 1979. (Project 761468 - New)

\$200.00 - Sigma Xi, The Scientific Research Society of North America, New Haven, Connecticut, Reactions of Sulfur Dioxide with Lime and Limestone Slurries - A Study of Mass Transfer with Chemical Reactions in a Four-Phase System, Department of Chemical Engineering (L. Fan), 1 February 1979 through 30 June 1980. (Project 761552 - New)

**TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL
RESEARCH CONTRACTS/GRANTS**

\$784,403.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$47,550.00 - Trust Under the Will of Anna Roessler, c/o G. K. Traucht, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$38,530.51 - Ivot Spafford Estate, c/o M. J. Stone, Geneva, Ohio: \$33,530.51 for the Robert G. Spafford Fund and \$5,000.00 for the Mary Goldia Spafford Scholarship Fund.

\$34,011.50 - Griffith Foundation for Insurance Education, Columbus, Ohio, for the Charles W. Griffith Memorial Fund.

\$30,000.00 - The Rockefeller Foundation, New York, New York, for the International Conference on Research on Malaria and Babesiosis.

\$27,400.79 - Estate of Lee D. Moody, c/o Gilbert Harre, Bellefontaine, Ohio, for The Lee D. Moody Scholarship Fund.

\$20,000.00 - Landmark, Inc., Columbus, Ohio, (given in the names of Robert Schmidt, Robert Scherer, Mark L. Keith and Curt Dunham), for the Landmark - OARDC Fund.

\$19,147.03 - Systems Associates, Columbus, Ohio: \$10,066.60 for the Department of Medicine General Fund and \$9,080.43 for the Cardiology Support Fund.

\$18,000.00 - PPG Industries Foundation, Pittsburgh, Pennsylvania: \$10,000.00 for the Alliance With Industry; \$5,000.00 for the Affirmative Action Program in Engineering Fund; and \$3,000.00 for the Minority Assistance Program in the College of Administrative Science.

\$14,150.00 - The Refractories Institute, Pittsburgh, Pennsylvania, for the Refractories Institute Research Fund.

\$13,591.85 - University Eye Surgeons, Inc., Columbus, Ohio, (given in the name of Richard H. Keates, M.D.), for the Eye Bank Fund.

\$13,000.00 - Marathon Oil Company, Findlay, Ohio, for the WOSU Support Fund.

\$12,256.28 - Retinal Consultants, Inc., Columbus, Ohio: \$7,019.83, (given in the name of Frederick H. Davidorf, M.D.), for the Retinal Research Fund; \$3,462.61 for the Retinal Research Fund; and \$1,773.84, (given in the name of Frederick H. Davidorf, M.D.), for the Ophthalmology Photography Fund.

\$11,000.00 - Charities Foundation, c/o James Tippet, Toledo, Ohio: \$10,000.00 for the Owens-Illinois International Fund and \$1,000.00 for the Affirmative Action Program in Engineering Fund.

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, c/o Haim Bernstein, New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Michael R. Johnson, Newark, Ohio: \$5,000.00 for the Faculty of Labor and Human Resources Discretionary Fund and \$5,000.00 for the Gallery Enhancement Fund.

\$8,328.03 - William Howard Bay, M.D., Inc., Columbus, Ohio, (given in the name of William H. Bay): \$4,845.71 for the Department of Medicine General Fund and \$3,482.32 for the Renal Disease Research Fund.

\$7,500.00 - James R. Riley, Worthington, Ohio, for the James R. Riley Named Professorship in Transportation and Logistics Fund.

\$7,324.47 - Grace and Carl Baldwin Trust, Columbus, Ohio, for The Carl M. and Grace C. Baldwin Eye Care Fund.

\$7,000.00 - F. & R. Lazarus & Company, Columbus, Ohio: \$5,000.00 for the Student Athlete Grant-in-Aid Fund and \$2,000.00 for the Corporate Associates.

\$7,000.00 - Summer & Company, Columbus, Ohio, for the Student Athlete Grant-in-Aid Fund.

\$6,916.77 - Hematology Associates, Columbus, Ohio, for the Department of Medicine General Fund.

\$6,500.00 - Daniel M. Galbreath Family Fund of the Columbus Foundation, Columbus, Ohio, for the Dean's Education and Research Fund - Veterinary Medicine.

\$6,500.00 - Society of American Florists Endowment, Alexandria, Virginia, for the Ohio Florists Association Special Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for the Center for Economic Education.

\$5,425.00 - Frederick P. Zuspan, M.D., Columbus, Ohio, (given in the name of Kathryn Zuspan), for the EPR-OBS Fund.

\$5,000.00 - Clarence K. Bey, St. Petersburg, Florida, for the Extension Service Rapid Adjustment Program.

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - Capital City Products Co., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

\$5,000.00 - Gannett Newspaper Foundation, Rochester, New York, for the Journalism Director's Special Fund.

\$5,000.00 - Alexander Grant & Company Foundation, Chicago, Illinois: \$1,000.00 for Beta Alpha Psi Seminar Fund; \$1,000.00 for the Accounting Department Chairman's Discretionary Fund; \$750.00 for Alexander Grant & Co. - Beta Alpha Psi Scholarship Award; \$750.00 for Alexander Grant's Accounting Association Scholarship Fund; \$750.00 for Alexander Grant & Co. - Professor Thomas J. Burns Honor Program Scholarship Award; and \$750.00 for Alexander Grant Colloquium Fund.

\$5,000.00 - Hauck Manufacturing Company, c/o John Marino, Lebanon, Pennsylvania, for the Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Ohio Turfgrass Foundation, Columbus, Ohio, for the GCSAA Research Fund.

\$5,000.00 - Pioneer Hi-Bred International, Inc., Des Moines, Iowa, for the Special NC-151 Fund.

\$5,000.00 - Erdis G. Robinson Trust, c/o First Trust Company of Ohio, Columbus, Ohio: \$4,000.00 for The Woody and Anne Hayes Scholarship Fund and \$1,000.00 for undesignated projects.

\$5,000.00 - M. Henry Speck, Youngstown, Ohio, for the Drs. M. Henry and Myron E. Speck Fund.

Establishment of Named Funds

The Jack M. George Fund

The Jack M. George Fund was established April 6, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Kaplan-Halpert Foundation of Cleveland, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Jack M. George Fund (contd)

The annual income is to be used for research and training in Endocrinology, including such things as graduate fellowships, equipment, consumable supplies for research (such as chemicals, glassware, animals, isotopes), salary for research assistant, seminars, travel, publication costs, books and journals and eventually for the endowment of a faculty chair in the Department of Medicine. Requisitions for funds are to be approved by Dr. Jack M. George, as long as he is a member of the OSU faculty, the Chairman of the Department of Medicine, and the Dean of the College of Medicine. Any income not used in a given year may be added to the principal at the direction of the Chairman of the Department of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used to establish an endowed faculty chair in the department of medicine.

The Kitty Dallas Cline Trust

The Kitty Dallas Cline Trust was established April 6, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Kitty Dallas Cline, B.S.Ed. '39, of Jacksonville, Florida.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used for the benefit of one or more needy and worthy students who desire to be educated as registered nurses. The selection of the recipient is to be made upon the recommendation of the Director of the School of Nursing after consultation with the appropriate faculty committee.

Should the need for this student assistance cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for nursing education.

The Marjorie R. and Charles H. Hoover Memorial Scholarship - Vocal Music

The Marjorie R. and Charles H. Hoover Memorial Scholarship - Vocal Music was established April 6, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Marjorie R. and Charles H. Hoover, B.E.E. '20, of Columbus, Ohio.

April 6, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Marjorie R. and Charles H. Hoover Memorial Scholarship - Vocal Music (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students of vocal music in the School of Music who have demonstrated a need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Director of the School of Music in cooperation with the Dean of the College of The Arts.

The Marjorie R. and Charles H. Hoover Memorial Scholarship is established to honor Mrs. Hoover's lifelong interest in and love of vocal music, her interest in assisting students who are studying vocal music and because of Mr. Hoover's intent to memorialize his wife who predeceased him.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for music education.

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PLANS AND SPECIFICATIONS

Resolution No. 79-115

Synopsis: Plans and specifications are being proposed for two projects.

WHEREAS at the request of the Acting Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials and estimates of cost for the following two projects:

UNIVERSITY AIRPORT--DON SCOTT FIELD, HANGAR NO. 4 ADDITION

Project:	Construct a one-story office and shop addition. This will be a pre-engineered metal building, and will be used as rented space by the airport's tenants in support of their hangar-based operations.
Funding:	Budget Account 882036
Estimated Project Cost:	\$135,253.00

April 6, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

LIMA CAMPUS, PREFAB STEEL BUILDING

Project: Building will provide maintenance space required by Lima Campus.
Funding: Budget Account 882035
Estimated Project Cost: \$50,820.00

NOW THEREFORE

BE IT RESOLVED, That the Purchasing Department of the University be authorized to proceed with the solicitation of bids for the foregoing projects in accordance with normal procedures of said department, pursuant to authorization from the Department of Administrative Services, Division of Public Works.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 79-116

Synopsis: Contracts have been awarded for four projects to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Acting Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

ENERGY MODIFICATIONS TO BUILDINGS - PROJECT I (Rebid)

Description: Energy reducing modifications to buildings based on completed detailed energy reports. Modifications will be accomplished in Postle Hall, Fawcett Center for Tomorrow, Caldwell Laboratory, Law Building, Newton Hall, Mansfield Campus, Marion Campus, Scott Hall, West Hall and Laboratory Animal Facilities.

April 6, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

ENERGY MODIFICATIONS TO BUILDINGS - PROJECT I (Rebid) (contd)

Mechanical Contract

Date Received: March 14, 1979

No. of Bids: 3

Low Bid: \$334,300.00*

High Bid: \$352,473.00*

Estimate of Cost: \$434,200.00*

Awarded to: J. A. Guy, Inc., Dublin, Ohio

Total Contract: \$334,300.00*

Total Contingency Allowance: \$ 5,000.00 which is 1 per cent of construction costs

Total Project Cost: \$379,017.25

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

*Recommended alternates reflected in these figures.

RESEARCH CENTER ROOF REPAIRS (PHASE III)

Description: Continuation of repair to roof due to deterioration.

General Contract

Date Received: February 28, 1979

No. of Bids: 3

Low Bid: \$ 95,724.00*

*Please note the General Contract is in excess of the filed estimate of cost; however, the total price of the contract is within 10 per cent above the total estimate of cost and is therefore being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

April 6, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

RESEARCH CENTER ROOF REPAIRS (PHASE III) (contd)

High Bid:	\$121,720.00
Estimate of Cost:	\$ 89,960.00
Awarded to:	Thomas Roofing, Inc., Columbus, Ohio
Total Contract:	\$ 95,724.00
Total Contingency Allowance:	\$ 5,000.00 which is 19 per cent of construction costs
Total Project Cost:	\$103,538.48
Funding:	Budget Account 210134 (Contract Repair)

WATTS HALL VENTILATION MODIFICATIONS

Description: Improvement to ventilation on the fourth floor. Equipment selected to continue the energy conservation program requirements at the University.

Mechanical Contract

Date Received:	February 28, 1979
No. of Bids:	3
Low Bid:	\$ 41,000.00
High Bid:	\$ 42,400.00
Estimate of Cost:	\$ 45,000.00
Awarded to:	Morris Sheet Metal, Inc., Columbus, Ohio
Total Contract:	\$ 41,000.00
Total Contingency Allowance:	\$ 2,180.00 which is 5 per cent of construction costs
Total Project Cost:	\$ 45,000.00
Funding:	Budget Account 210134 (Contract Repair)

April 6, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

CUNZ HALL WINDOW IMPROVEMENTS

Description: Replacement of windows on second, third and fourth floors with operational windows to assist our continuing energy conservation program by allowing the occupants to have ventilation without the ventilation system.

General Contract

Date Received:	March 2, 1979
No. of Bids:	2
Low Bid:	\$ 31,800.00
High Bid:	\$ 42,739.00
Estimate of Cost:	\$ 45,000.00
Awarded to:	Accurate Glass & Mirror Company, Columbus, Ohio
Total Contract:	\$ 31,800.00
Total Contingency Allowance:	\$ 5,000.00 which is 6 per cent of construction costs
Total Project Cost:	\$ 38,236.00
Funding:	H.B. 618, Utilities and Renovation (1977-79 Biennium)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby reported.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AGREEMENT BETWEEN THE OHIO STATE UNIVERSITY AND
CORPORATION FOR PUBLIC BROADCASTING**

Resolution No. 79-117

Synopsis: An agreement with Corporation for Public Broadcasting for establishment of a satellite receiving earth station is being proposed.

April 6, 1979 meeting, Board of Trustees

**AGREEMENT BETWEEN THE OHIO STATE UNIVERSITY AND
CORPORATION FOR PUBLIC BROADCASTING (contd)**

WHEREAS it is in the best interests of The Ohio State University to advance its teaching, research and service missions by making the most efficient use of new technologies; and

WHEREAS the Corporation for Public Broadcasting, the Public Broadcasting Service and National Public Radio have jointly entered into agreements that make possible the establishment of a satellite receiving earth station at each public broadcasting station, including the WOSU stations owned and operated by The Ohio State University; and

WHEREAS the establishment of the earth receiving station at The Ohio State University will enhance the broadcast services of the WOSU stations and will permit additional non-broadcast services to be received for the benefit of other departments and university needs; and

WHEREAS the establishment of the earth station involves no new significant capital expenditure on the part of The Ohio State University inasmuch as the earth station and its components have been primarily financed by the Corporation for Public Broadcasting:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University authorizes the President and/or Acting Vice President for Business and Administration and the Director of the Telecommunications Center to enter into and complete all necessary agreements with the Corporation for Public Broadcasting to establish and complete construction of the public broadcasting satellite earth receiving station located north of the Fawcett Center for Tomorrow.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-118

RESOLVED, That the report on the University's Investment Portfolio, dated March 16, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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April 6, 1979 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, May 4, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Howard D. Sirak
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 4, 1979

The Board of Trustees met at its regular monthly meeting on Friday, May 4, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Howard D. Sirak, Chairman, Patricia D. James, Chester Devenow, Warren J. Smith, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath and Leonard J. Imcke.

* * *

Minutes of the last meeting were approved.

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May 4, 1979 meeting, Board of Trustees

The Chairman, Dr. Sirak, called the meeting of the Board of Trustees to order at 11:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering collective negotiation issues and personnel matters.

Present: Howard D. Sirak, Chairman, Patricia D. James, Warren J Smith, John D. Jacob, and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

**ELECTION OF OFFICERS
BOARD OF TRUSTEES**

Resolution No. 79-119

WHEREAS pursuant to paragraph (B) of rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting to take office immediately following the adjournment of the meeting (May 4, 1979) and shall hold their office through the May 1980 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1979-80 be elected:

Patricia D. James	Chairman
Chester Devenow	Vice Chairman
Madison H. Scott	Secretary
James W. Kristoff	Treasurer

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 79-120

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.

May 4, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Arthur Marshall Brant

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 14, 1979, of Arthur Marshall Brant, Associate Professor Emeritus in the Department of Geology and Mineralogy.

Dr. Brant received his B.Ch.E. degree in 1917, his M.S. degree in 1923, and his Ph.D. degree in Chemical Engineering in 1928 from The Ohio State University. He served the Department of Mineralogy at the University from 1923 until his retirement in 1953. He was an accomplished and popular teacher, and his lectures in crystallography, determinative mineralogy, and microscopic mineralogy were noted for their orderliness and clarity. He was largely responsible for the construction and maintenance of the department's research equipment, for which service many a graduate student is deeply in his debt. After leaving the University, he was a Senior Chemical Engineer with Basic Refractories, Inc., until 1964.

An expert in phase equilibria and thermochemistry of refractories, Dr. Brant was a member of the American Chemical Society, the Mineralogical Society of America, the American Ceramic Society, and the Ohio Academy of Science.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Brant its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Dudley L. Hascall

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 16, 1979, of Dudley L. Hascall, Associate Professor in the Department of English.

Professor Hascall held the B.A. degree from the University of Colorado (1963), the M.A. degree from the University of Oregon (1965), and the Ed.D. degree from Harvard University (1970). He taught at Lowell State College and at the University of Alaska before joining the Ohio State faculty in 1972. A noted authority on such diverse subjects as Eskimo languages, psycholinguistics, and English prosody, he did seminal research--on which other scholars have continued to build--particularly in the field of English metrics. As a teacher, he inspired undergraduate and graduate students alike with the freshness and originality of his intellectual outlook.

May 4, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Dudley L. Hascall (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Professor Hascall its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

Vivian L. Johnston

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of Vivian L. Johnston, Professor Emeritus, Cooperative Extension Service, on March 13, 1979.

Miss Johnston was born in Bremen, Ohio, on September 19, 1912. She attended Bremen High School and graduated in 1930. Following high school she attended The Ohio State University, graduating with a bachelor of science in home economics degree in 1933. Graduate work was pursued at The Ohio State University where she received her master's degree in 1940. Additional graduate education was pursued at Columbia University in 1949 and 1957.

Miss Johnston was employed as a home economics teacher in Van Wert and Coldwater school systems from 1934 through 1940. On November 1, 1942, Miss Johnston was employed as County Extension Agent, Home Economics, for the Ohio Cooperative Extension Service in Muskingum County and remained in that position until December 31, 1955. From January 1, 1956 until her retirement on November 30, 1972, she was a member of the supervisory and administrative faculty of the Cooperative Extension Service on The Ohio State University campus.

Since her retirement she continued to make her home in Columbus, always in close association with members of her personal and professional family.

Miss Johnston was best known for her work and teachings related to Extension homemaker's clubs and councils across the state. Her judgment to the needs of homemakers was always invaluable. She assisted literally thousands of homemakers in making a better life for their families throughout her many years of employment at both the county and state level. She was always capable of cooperating wisely with co-workers both in the state office and across the state in county extension positions. She was an excellent teacher and organized her material well. A pleasant smile and a ready sense of humor were personal characteristics appreciated by all.

On behalf of the University community, the Board of Trustees expresses its deepest sympathy to the family of Miss Johnston. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family of Miss Johnston as sincere appreciation for the life she lived and the realization of the loss that her family, friends and associates have sustained.

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May 4, 1979 meeting, Board of Trustees

NAMING OF BUILDING

Resolution No. 79-121

Synopsis: Naming of New Music Addition is proposed.

WHEREAS pursuant to the authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's staff, that the New Music Addition, located at 1866 College Road, be named Weigel Hall to honor Eugene J. Weigel, who served as the first director of the School of Music:

NOW THEREFORE

BE IT RESOLVED, That the New Music Addition be named Weigel Hall in accordance with the President's recommendation.

Upon motion of Mr. Hilliker, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPRINTED STATUTES APPLYING TO THE UNIVERSITY, BYLAWS OF THE BOARD OF TRUSTEES AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 79-122

Synopsis: The reprinted Statutes Applying to the University, Bylaws of the Board of Trustees and Rules of the University Faculty is presented for adoption.

WHEREAS the publication entitled *Statutes Applying to the University, Bylaws of the Board of Trustees* and *Rules of the University Faculty* has been reprinted to conform to the changes approved by the Board of Trustees since the last publication in March 1978; and

WHEREAS Section 111.15 of the Ohio Revised Code requires state-assisted institutions of higher education to file the current rules and regulations which have been adopted or promulgated by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the reprinted text of the *Statutes Applying to the University, Bylaws of the Board of Trustees*, and *Rules of the University Faculty* be adopted as the official publication of the Board of Trustees.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 4, 1979 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT

Resolution No. 79-123

Synopsis: Approval is being requested for awarding degrees and certificates for Spring Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 8, 1979, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mrs. James, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 79-124

Synopsis: Approval is requested for awarding an honorary degree.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommends to the Board of Trustees awarding of the honorary degree as listed below:

Walter Frederick Mondale

Doctor of Laws

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 4, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS

Resolution No. 79-125

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the April 6, 1979 meeting of the Board, including the following Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles, as detailed in the University Budget for 1978-79 be approved.

Appointments

Name: RICHARD D. JACKSON
Title: Vice President
Office: Business and Administration
Effective: June 1, 1979
Salary: \$48,000.00 (12 months)
Present Position: Director, Department of Administrative Services, State of Ohio

Name: CALVIN MURRAY KUNIN
Titles: Professor and Chairman
Department: Medicine
Effective: September 1, 1979
Salary: \$50,040.00 (12 months)
Present Positions: Professor and Associate Chairman, Department of Medicine, University of Wisconsin School of Medicine and Chief, Medical Service, William S. Middleton Memorial Veterans' Hospital, Madison, Wisconsin

Name: HOWARD M. FEDERSPIEL
Titles: Associate Dean, Newark Campus, and Professor, Department of Political Science
Effective: July 1, 1979
Salary: \$30,000.00 (12 months)
Present Position: Chairman, Department of Political Science, Winthrop College, Rock Hill, South Carolina

Leaves of Absence Without Salary

SANJIB K. GHOSH, Associate Professor, Department of Geodetic Science, effective October 1, 1979 through September 30, 1980, to do research in photogrammetry.

DIANE E. JOHNSON, Assistant Professor, Cooperative Extension Service, effective June 1, 1979 through August 31, 1979, for personal reasons.

May 4, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

MICHAEL VISSCHER, Assistant Professor, Department of Economics, effective October 1, 1979 through September 30, 1980, to accept an appointment at the Center for Business Regulation at Duke University.

Professional Improvement Leaves

DAVID BLACK, Professor, Department of Art, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

ARTHUR D. EFLAND, Professor, Department of Art Education, effective Winter Quarter 1980 and Spring Quarter 1980.

BELTON M. FLEISHER, Professor, Department of Economics, effective Autumn Quarter 1979 and Winter Quarter 1980.

R. WILLIAM LIDDLE, Professor, Department of Political Science, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

JOHN SEIDLER, Associate Professor, Department of Sociology, effective Autumn Quarter 1979, Winter Quarter 1980 and Spring Quarter 1980.

Emeritus Titles

WILLIAM M. JOHNSON, College of Veterinary Medicine, with the title Assistant Dean Emeritus, effective July 1, 1979.

RICHARD A. ERICKSON, Department of Physics, with the title Professor Emeritus, effective July 1, 1979.

THERON R. MC CLURE, School of Music, with the title Professor Emeritus, effective July 1, 1979.

DONALD E. MC GINNIS, School of Music, with the title Professor Emeritus, effective July 1, 1979.

IVAN C. RUTLEDGE, College of Law, with the title Professor Emeritus, effective July 1, 1979.

CARL F. PURTZ, Department of Civil Engineering, with the title Associate Professor Emeritus, effective April 1, 1979.

Upon motion of Mrs. James, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

May 4, 1979 meeting, Board of Trustees

EXPRESSION OF GRATITUDE TO THOMAS B. SMITH

President Enarson:

I think I would be remiss, if before moving to the next item, I didn't express my own great personal gratitude to Tom Smith, who has served very effectively in an acting role. The acting role as we all know is not an easy one, but Tom Smith has moved into it with confidence and high competence and I can't fault Tom for a single thing he has ever done or not done. I hope all of us realize what jewels we have in people like Tom Smith who serve the University for a long, long time; who serve it very skillfully. They are, in truth, effective and the University would be a much diminished place without them. And I just wanted to say publicly what I have said to you privately: that we are appreciative, Tom.

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-126

Synopsis: The reports on contracts, grants and gifts and the summary for March are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through the Office of Business and Administration of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Administration, the Engineering Experiment Station, and The Ohio State University Development Fund during the month of March 1979, be approved.

Upon motion of Mr. Devenow, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR MARCH 1979

Source	No. of Projects	Support Level
Office of Business and Administration	1	\$ 8,756.85
The Ohio State University Research Foundation	69	6,727,223.00
Engineering Experiment Station	3	78,736.00
		\$6,814,715.85
The Ohio State University Development Fund	2,713 Donors	\$ 897,455.32
Establishment of Named Funds		
The Stephen Brock Memorial Scholarship (Undergraduates in the Depart- ments of Agricultural Economics and Rural Sociology and Agri- cultural Education)		\$ 5,000.00
The Cincinnati Kennel Club Veteri- nary Student Scholarship Fund (College of Veterinary Medicine)		\$ 5,000.00

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

New Presidents Club Members - March 1979

Jerry M. Benis	George A. Miller
Alice L. Blaemire	C. William O'Neill
Ellen K. Bogart	Yong Cha (Maria) Pak (Mrs. Moon H. Kim)
Paul B. Brown	Clair F. Picard
Robert J. Deak	Anthony Mark Puskarich
John P. DiFalco	William E. Rance
Dennis L. Elliott	William G. Reuter
Thomas G. Fewster	William N. Scarff
John F. Finn	William W. Schoo
Michael L. Finn	Lois Y. Shama (Mrs. David F.)
Michael B. Foote	William R. Sharp
James N. George	Charles F. Sinsebaugh
Gregory A. Georgia	Lewis R. Smoot, Sr.
William A. Goldman	George Spetnagel
W. P. Hambleton	Dale W. Spiegelberg
John J. Heron	J. Bradley Vujnovic
David W. Hornbeck	Harry L. Weithman
John T. F. Jordon	Elisabeth F. Wening (Mrs. Herman E.)
Jerry L. Maloon	(In Memoriam)
R. Alexander Masson	Herman E. Wening (In Memoriam)
Jeffrey J. Menhart	Helen E. Wilson (Mrs. Henry R.)
Arthur P. Miller	Mark F. Zuspan

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1979 through March 31, 1979

OFFICE OF BUSINESS AND ADMINISTRATION

Sponsor	No. of Projects	Level of Support
STATE OF OHIO	1	\$ 8,756.85
INDUSTRIAL AND OTHER	3	26,107.14
TOTALS	4	\$34,863.99

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1979 through March 31, 1979

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Source	No. of Projects	Support Level
FEDERAL		
Department of Energy	3	\$ 727,654.00
National Aeronautics and Space Administration	9	712,322.00
National Science Foundation	25	1,126,304.00
Department of Defense	16	961,099.00
Department of Health, Education and Welfare	41	7,642,474.00
Other Federal	17	3,803,532.00
TOTAL - FEDERAL	111	\$14,973,385.00
STATE OF OHIO	20	\$ 680,466.00
INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL SPONSORS	52	\$ 3,029,964.00
GRAND TOTAL	183	\$18,683,815.00

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1979 through March 31, 1979

ENGINEERING EXPERIMENT STATION

Source	No. of Projects	Support Level
STATE OF OHIO	2	\$ 92,310.00
INDUSTRIAL AND OTHERS	98	253,854.00
TOTALS	100	\$346,164.00

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

OFFICE OF BUSINESS AND ADMINISTRATION

State of Ohio Contract/Grant

\$8,756.85 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, for Role and Practices for Leadership by Directors of Vocational Education, Department of Agricultural Education, March 1, 1979 through June 30, 1979.

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$2,500,000.00 - U. S. Department of Labor, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (H. S. Parnes and M. E. Borus), 1 October 1978 through 30 September 1979. (Project 760081 - Continuation)

\$605,000.00 - U. S. Department of Energy, Argonne, Illinois, High Energy Physics Studies, Department of Physics (T. A. Romanowski, K. Tanaka, W. W. Wada, and K. Reibel), 1 February 1978 through 31 January 1980. (Project 762116 - Continuation)

\$428,201.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Leukemia-Lymphoma Program, Department of Medicine (S. Balcerzak) and College of Pharmacy (L. Malspeis), 1 March 1979 through 28 February 1980. (Project 763982 - Continuation)

\$299,926.00 - U. S. Department of Labor, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (H. S. Parnes and M. E. Borus), 1 October 1978 through 30 September 1979. (Project 760081 - Continuation)

\$157,457.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Research on Visual Flight Simulation: Assessment of Scene Complexity and Cue Validity, Department of Psychology (H. Shulman, P. Isaac, and D. Owen) and Department of Aviation (R. Gilson), 15 March 1979 through 30 September 1980. (Project 761566 - New)

\$153,675.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Vocational Technical Education Leadership Development, Academic Faculty of Vocational-Technical Education (A. J. Miller) and Graduate School (J. B. LaPidus), 1 September 1979 through 31 August 1980. (Project 761272 - Continuation)

\$150,348.00 - National Science Foundation, Washington, D. C., Computer Science and Computer Engineering Research Equipment, Department of Computer and Information Science (L. J. White) and Instruction and Research Computer Center (R. F. Reeves), 1 April 1979 through 31 March 1980. (Project 761583 - New)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$139,324.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1979 through 30 June 1980. (Project 761160 - Continuation)

\$135,369.00 - Environmental Protection Agency, Washington, D. C., Biological Adequacy and Toxicity of Selenium Compounds from Food and Water, Department of Pharmacology (D. Couri), 1 March 1979 through 29 February 1980. (Project 760973 - Continuation)

\$120,476.00 - U. S. Department of the Interior, Office of Water Research and Technology, Washington, D. C., Transport Properties of the Great Lakes Seiche-Affected River Mouths, Department of Civil Engineering (K. Bedford) and Center for Lake Erie Area Research (C. E. Herdendorf), 1 March 1979 through 30 September 1981. (Project 760930 - New)

\$110,997.00 - National Science Foundation, Washington, D. C., A System for Complex Image Synthesis and Real Time Display, Department of Art Education (C. A. Csuri), 1 February 1979 through 31 January 1980. (Project 760627 - Continuation)

\$105,196.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 April 1979 through 31 March 1980. (Project 760025 - Continuation)

\$95,408.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Pharmacology of ICRF-159 Related Analogues, College of Pharmacy (D. T. Witiak), Cancer Research Center and Department of Microbiology (B. S. Zwilling), and Department of Veterinary Pathobiology (A. Koestner), 1 May 1979 through 30 April 1980. (Project 761586 - New)

\$90,528.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, Recruit, Select and Train Minorities - Graduation and Work, School of Nursing (E. Fritz), 1 March 1979 through 29 February 1980. (Project 761056 - Continuation)

\$84,000.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1979 through 31 March 1980. (Project 761582 - Continuation)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$80,189.00 - Department of Energy, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1979 through 31 January 1980. (Project 762589 - Continuation)

\$74,105.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Diazo, Diazirino, Azoxy and Novel Meteroxycyclic Compounds, Department of Chemistry (H. Shechter), 1 April 1979 through 31 March 1980. (Project 762793 - Continuation)

\$69,796.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Communication Application of Adaptive Arrays, ElectroScience Laboratory, Department of Electrical Engineering (R. T. Compton), 1 December 1978 through 31 March 1980. (Project 761559 - New)

\$64,685.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky), 1 April 1979 through 31 March 1980. (Project 764400 - Continuation)

\$54,538.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Cardiopulmonary Actions: Trimetoquinol Analogs, College of Pharmacy (D. D. Miller), 1 April 1979 through 31 March 1980. (Project 761574 - New)

\$54,257.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Therapy of Patients with Brain Tumors, Department of Surgery (W. E. Hunt), 1 November 1978 through 31 October 1979. (Project 760334 - Continuation)

\$53,827.00 - National Science Foundation, Washington, D. C., Physiology of Buoyancy Regulation, Department of Zoology (L. I. Greenwald), 1 March 1979 through 28 February 1981. (Project 761581 - New)

\$50,345.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Open Loop Forcing of Chest Volume and CO₂ Concentration, Department of Physiology (A. L. Kunz), 1 April 1979 through 31 March 1980. (Project 761572 - New)

\$49,000.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Special Education Component in University Affiliated Program for Preparing Personnel from a Variety of Disciplines to Deal with Problems, Nisonger Center for Mental Retardation (V. W. Cotter), 1 June 1979 through 31 May 1980. (Project 760762 - Continuation)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$45,000.00 - National Science Foundation, Washington, D. C., Diffractive Spectro-electrochemistry, Department of Chemistry (R. L. McCreery), 1 March 1979 through 29 February 1980. (Project 761560 - New)

\$44,246.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Plasmalogenase and White Matter Injury, Department of Physiological Chemistry (L. A. Horrocks), 1 April 1979 through 31 March 1980. (Project 761074 - Continuation)

\$42,775.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Nucleotidyl and Phosphotransferase Stereochemistry, Department of Chemistry (P. A. Frey), 1 April 1979 through 31 March 1980. (Project 761076 - Continuation)

\$42,465.00 - Department of Energy, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering (P. G. Shewmon), 1 April 1979 through 31 March 1980. (Project 764386 - Continuation)

\$38,093.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Regulation of Lipogenesis by Polyunsaturated Fats, Department of Food Science and Nutrition (S. D. Clarke), 1 April 1979 through 31 March 1980. (Project 761079 - Continuation)

\$35,000.00 - Department of State, Agency for International Development, Washington, D. C., A Cooperative Agreement Between the Rural Development Office, Technical Assistance Bureau, Agency for International Development and Agricultural Economics and Rural Sociology, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and D. A. Adams), 29 September 1978 through 28 September 1979. (Project 760927 - Continuation)

\$34,094.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Sugar Nucleotides and Analogs, Department of Biochemistry (E. J. Behrman), 1 April 1979 through 31 March 1980. (Project 760152 - Continuation)

\$33,625.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Intracellular pH and Myocardial Electropharmacology, Department of Pharmacology (P. B. Hollander), 1 March 1979 through 29 February 1980. (Project 760635 - Continuation)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$33,553.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hormones and Breast Cancer Prostaglandin Biosynthesis, Department of Surgery (J. P. Minton), 1 March 1979 through 29 February 1980. (Project 761413 - Continuation)

\$26,148.00 - National Science Foundation, Washington, D. C., Set Theory, Department of Mathematics (G. Sageev), 1 July 1979 through 30 June 1982. (Project 760802 - Continuation)

\$25,000.00 - U. S. Department of Agriculture, Science and Education Administration, New Orleans, Louisiana, Disappearing Disease of the Honey Bee, Department of Entomology (W. C. Rothenbuhler), 1 July 1979 through 30 June 1980. (Project 784758 - Continuation)

\$18,006.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neuro-oncogenesis by Resorptive Carcinogens, Department of Veterinary Pathobiology (A. Koestner), 1 February 1979 through 30 April 1979. (Project 762762 - Continuation)

\$17,500.00 - U. S. Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Chemical Characterization of the Antitumor Factor in the Clam *Mercenaria mercenaria*, Department of Chemistry (D. Horton), 1 March 1979 through 1 March 1980. (Project 760584 - Continuation)

\$15,000.00 - National Science Foundation, Washington, D. C., Equipment for Enhancing the Capability of a Numerical Cartography Laboratory, Department of Geography (H. J. Moellering), 15 March 1979 through 31 December 1979. (Project 761584 - New)

\$14,890.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Recent Advances in Middle Ear Effusion, Department of Otolaryngology (D. J. Lim), 1 April 1979 through 31 March 1980. (Project 761580 - New)

\$13,784.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 February 1979 through 30 September 1979. (Project 760628 - Continuation)

\$9,890.00 - Department of the Air Force, Air Force Contract Management Division, Kirtland Air Force Base, New Mexico, Digitization, Calibration and Analyses of GFE Analog Data Tapes, ElectroScience Laboratory, Department of Electrical Engineering (C. A. Levis), 12 March 1979 through 30 September 1979. (Project 761565 - New)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,157.00 - U. S. Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., School of Public Administration (A. Lynn and E. Latessa), 1 April 1979 through 30 September 1979. (Project 761564 - New)

\$6,105.00 - National Science Foundation, Washington, D. C., Study of Chemically Modified Electrodes, Department of Chemistry (T. Kuwana), 15 March 1979 through 31 March 1981. (Project 761569 - New)

\$4,891.00 - National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Systematics, Department of Botany (D. J. Crawford and R. K. Jansen), 15 March 1979 through 31 March 1981. (Project 761575 - New)

\$3,450.00 - Department of Health, Education and Welfare, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Division of Nursing, Hyattsville, Maryland, National Research Service Institutional Award, School of Nursing (B. J. Garvin) and Department of Communication (D. J. Cegala), 13 February 1979 through 12 February 1980. (Project 761027 - Continuation)

\$3,420.00 - National Science Foundation, Washington, D. C., Pliocene Glaciations in Southern Argentina, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (J. H. Mercer), 1 May 1979 through 31 October 1979. (Project 760965 - Continuation)

\$1,500.00 - National Endowment for the Arts, Washington, D. C., Critics in Residence, University Gallery of Fine Arts (B. Collings), 5 May 1979 through 30 June 1979. (Project 761532 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$6,244,239.00**

State of Ohio Research Contracts/Grants

\$40,187.00 - Ohio Board of Regents, Columbus, Ohio, Statewide Survey of Existing Educational Information Needs and Resources and a Feasibility Study for a Statewide Information System, National Center for Research in Vocational Education (R. E. Taylor), 12 February 1979 through 30 June 1979. (Project 761550 - New)

\$32,500.00 - The Ohio Program in the Humanities, Columbus, Ohio, The Prospects for Humanity: Light at the End of the Tunnel?, Telecommunications Center (M. Mottler), 9 March 1979 through 30 June 1979. (Project 761576 - New)

\$22,000.00 - State of Ohio, Energy Credits Advisory Committee, Columbus, Ohio, Assistance in Evaluating the Energy Credits Program, National Regulatory Research Institute (D. N. Jones), 15 August 1978 through 31 March 1979. (Project 761469 - New)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$9,305.00 - Ohio Youth Commission, Columbus, Ohio, Buckeye Youth Center Visual Response Project, Academic Faculty of Exceptional Children (W. L. Heward), 27 February 1979 through 30 June 1979. (Project 761517 - New)

\$8,567.00 - The Ohio Program for the Humanities, Columbus, Ohio, Community Discussion on World Affairs TV: Recognition of the People's Republic of China and the Cultural Potential of Broadening China Contacts, Center for International Studies (J. Adams) and Department of Political Science (B. Richardson), 1 April 1979 through 30 June 1979. (Project 761578 - New)

\$7,978.00 - State of Ohio, Department of Education, Columbus, Ohio, Teacher Preparation Instruction in Driver Education for the Handicapped, National Center for Research in Vocational Education (R. E. Taylor), 14 March 1979 through 30 September 1979. (Project 761567 - New)

\$1,304.00 - State of Ohio, Department of Transportation, Columbus, Ohio, The Transportation of Hazardous Materials: A Feasibility Study, National Center for Research in Vocational Education (R. E. Taylor), 1 February 1979 through 30 March 1979. (Project 761207 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 121,841.00

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$119,461.00 - Tennessee State Department of Education, Nashville, Tennessee, Long Range Plans for the Maintenance of Vocational Education Equipment, National Center for Research in Vocational Education (R. E. Taylor), 15 March 1979 through 31 December 1979. (Project 761568 - New)

\$73,200.00 - Boeing Commercial Airplane Company, Seattle, Washington, Research Study on Reynolds Number Effect on the Combined Effects of Ailerons and Spoilers, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 26 February 1979 through 3 May 1979. (Project 761555 - New)

\$72,569.00 - City of Columbus, Department of Community Services, Columbus, Ohio, Tutoring Developmentally Disabled Adults, College of Social Work (R. O. Washington and B. Cantrell), 1 November 1978 through 30 September 1979. (Project 711620 - Continuation)

\$43,736.00 - National Fund for Medical Education, Hartford, Connecticut, Pre-Clinical Instruction in Diagnostic Laboratory Utilization: The Effects of a Systematic Scheme for Ordering Laboratory Data, Department of Pathology (J. C. Neff), 1 July 1979 through 30 June 1981. (Project 761577 - New)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$29,427.00 - The Parker B. Francis Foundation, Hanover, New Hampshire, Application for Fellowship in Pulmonary Research, Department of Medicine (M. E. Whitcomb), 1 July 1979 through 30 June 1980. (Project 761553 - New)

\$22,500.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Characterization of the B-hCG Peptide Conjugate Immune Response in Baboons and Rabbits (Task Force on Immunological Methods of Fertility Regulation), Department of Medical Microbiology (R. W. Lang), 1 January 1979 through 31 December 1979. (Project 761529 - Continuation)

\$18,619.00 - Gates Learjet Corporation, Wichita, Kansas, Gates Learjet Wing-Body Interference Pressure Survey, Department of Aeronautical and Astronautical Engineering (G. Gregorek) and Department of Aviation (G. S. Weislogel), 22 February 1979 through 30 April 1979. (Project 761548 - New)

\$14,458.00 - American Cancer Society - Ohio Division, Inc., Cleveland, Ohio, Professional Education Materials Development Program, College of Medicine - Administration (J. B. Battles), 15 January 1979 through 31 December 1979. (Project 761557 - New)

\$12,000.00 - Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, Columbus Metropolitan Area Community Action Organization - Counseling Intern Program, Academic Faculty of Special Services (J. J. Quaranta), 1 October 1978 through 30 June 1979. (Project 761453 - New)

\$10,000.00 - World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1978 through 30 June 1979. (Project 760113 - Continuation)

\$9,254.00 - American Diabetes Association, Inc., New York, New York, Glucagon and Insulin Control of Liver Phosphofructokinase Activity, Department of Food Science and Nutrition (S. D. Clarke), 1 March 1979 through 29 February 1980. (Project 761562 - New)

\$3,500.00 - Greater Columbus Arts Council, Columbus, Ohio, "AM Columbus," Telecommunications Center (E. Young), 15 February 1979 through 14 February 1980. (Project 761544 - New)

\$1,319.00 - Portland State University, Portland, Oregon, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 27 February 1979 through 31 March 1979. (Project 768004 - New)

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$700.00 - College of the Mainland, Texas City, Texas, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 28 March 1979 through 31 March 1979. (Project 748012 - New)

\$400.00 - American Philosophical Society, Philadelphia, Pennsylvania, Learned Aversion to Soiled Bedding in Male Gerbils, Department of Psychology (T. F. Pettijohn), 1 April 1979 through 31 March 1980. (Project 761573 - New)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL CONTRACTS/GRANTS	\$ 431,143.00
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ENGINEERING EXPERIMENT STATION

State of Ohio Sponsored Research

\$46,800.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Implementation of a Pavement Design System, Extension 1, Department of Civil Engineering, March 1, 1979 through May 31, 1980. (EES 578)

Industrial and Other Supported Research

\$21,936.00 - Battelle Memorial Institute, Columbus, Ohio, for the Development of an Analytical Method for Determining the Static Configuration of Deep Offshore Pipelines During Abandonment and Recovery, Department of Mechanical Engineering, March 2, 1979 through February 2, 1980. (EES 589)

\$10,000.00 - Columbia Gas System Service Corporation, Columbus, Ohio, for Participating Industry Research and Development Program in Solar Energy Recovery, Department of Mechanical Engineering, July 15, 1978 through July 14, 1979. (EES 510).

TOTAL - INDUSTRIAL AND OTHER SUPPORTED RESEARCH	\$ 31,936.00
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THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$100,000.00 - KTK Associates, Columbus, Ohio, (given in the names of John W. Kessler and Austin E. Knowlton), for the University Activities Center Fund.

\$37,900.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$28,590.00 - Eli Lilly and Company, Indianapolis, Indiana: \$19,990.00 for the Clinical Pharmacology of Dobutamine-Eli Lilly Company and \$8,600.00 for the Infectious Disease Research Fund.

\$22,000.00 - Columbus Jewish Federation, Columbus, Ohio, (given in the name of Florence Melton), for the Florence Melton Discovery Group Project.

\$21,137.62 - Systems Associates, Columbus, Ohio, (given in the name of Albert J. Kolibash): \$12,000.98 for the Cardiology Support Fund and \$9,136.64 for the Department of Medicine General Fund.

\$20,000.00 - The Upjohn Company, Kalamazoo, Michigan: \$15,000.00 for the Upjohn Company Graduate Training Fellowship Fund in the Department of Veterinary Pathobiology and \$5,000.00 for the Upjohn Company-Magnus Fund.

\$19,056.00 - Battelle Memorial Institute, Columbus, Ohio: \$14,056.00 for the WOSU Support Fund and \$5,000.00 for the Mechanical Engineering Coal Combustion Laboratory Fund.

\$18,998.57 - Retinal Consultants, Inc., Columbus, Ohio: \$15,450.89 for the Retina Research Fund and \$3,547.68 for the Ophthalmology Photography Fund.

\$18,910.00 - Arby's Inc., Youngstown, Ohio, for the Animal Science Special Fund.

\$15,558.02 - The University Obstetricians & Gynecologists, Columbus, Ohio, (given in the names of Elizabeth Boutselis, Belinda Bryan, William Copeland, Jr., Garth Essig, Moon Kim, Richard O'Shaughnessy, William Rigsby, Roberto Villalon, Nicholas Teteris, Helen Williams, Kathryn Jane Zuspan, Mary Jane Zuspan, and Mark Zuspan), for the EPR-OBS Fund.

\$10,050.00 - Laserplane Corporation, Dayton, Ohio, for the Overholt Drainage Education and Research Fund in Agricultural Engineering.

\$10,000.00 - Alcoa Foundation, Pittsburgh, Pennsylvania, for the Affirmative Action Program in Engineering Fund.

\$10,000.00 - Delbey Research Corporation, Florham Park, New Jersey, for the Infectious Disease Research Fund.

\$10,000.00 - Paul Ecke Poinsettias, Encinitas, California, (given in the name of Elizabeth Ecke), for the D. C. Kiplinger Chair in Floriculture.

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$9,000.00 - Perinatal Seminars, Inc., Columbus, Ohio, (given in the names of Boutselis, Bryan, Copeland, Jr., Essig, Kim, O'Shaughnessy, Rigsby, Villalon, Teteris, Williams, Kathryn Jane Zuspan, Mary Jane Zuspan, and Mark Zuspan), for the EPR-OBS Fund.

\$7,843.00 - The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

\$7,500.00 - Amoco Foundation, Inc., Chicago, Illinois: \$6,000.00 for the Distinguished Teachers Awards Fund and \$1,500.00 for the University Relations Fund.

\$6,635.00 - Bell Laboratories, Columbus, Ohio: \$6,325.00 for the Bell Telephone Teaching and Research Fund and \$310.00 for the Affirmative Action Program in Engineering Fund.

\$5,756.00 - The Grace High Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.

\$5,550.00 - Antique Show Receipts, Columbus, Ohio, (given in the name of Jo Failer), for the Presidents Club Special Fund.

\$5,000.00 - Cleveland Institute of Electronics, Cleveland, Ohio, (given in the name of John D. Drinko), for the Ohio 4-H Club Foundation Fund.

\$5,000.00 - Elano Corporation, Xenia, Ohio, (given in the name of John E. Craine), for the Agricultural Research Fund.

\$5,000.00 - Honeywell Corporation, Bloomington, Minnesota, for the Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Lawrence County Commissioners, Ironton, Ohio, for the Canter's Cave 4-H Camp Fund.

\$5,000.00 - Occidental Research Corporation, Irvine, California, for the Mechanical Engineering Coal Combustion Laboratory Fund.

\$5,000.00 - Mrs. Carole R. Poirier, Columbus, Ohio, for the Hematology and Cancer Research Fund.

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Stephen Brock Memorial Scholarship

The Stephen Brock Memorial Scholarship was established May 4, 1979, by the Board of Trustees of The Ohio State University with gifts from family and friends to The Ohio State University Development Fund in memory of Stephen Brock, B.S.Agr. '71.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students who have junior or senior academic rank majoring in Agricultural Economics and Rural Sociology or Agricultural Education, and who demonstrate or express an interest in improving the quality of life in rural communities. Whenever possible, additional weight shall be given to candidates who are members of the Delta Theta Sigma fraternity of which Stephen Brock was a member. The selection of the recipient is to be made by the University Scholarship Committee on Student Financial Aids upon the recommendation of a selection committee appointed by the Dean of the College of Agriculture and Home Economics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever in the College of Agriculture and Home Economics as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College.

The Cincinnati Kennel Club Veterinary Student Scholarship Fund

The Cincinnati Kennel Club Veterinary Student Scholarship Fund was established May 4, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Cincinnati Kennel Club, Inc.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a scholarship for a student who has a demonstrated need for financial assistance and who is interested in small animal medicine and surgery. The student should have intentions of becoming a small animal practitioner. In the selection of the recipient, preference is to be given to students from southwest Ohio. The selection of the recipient is to be made upon recommendation of the Dean of the College of Veterinary Medicine.

May 4, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Cincinnati Kennel Club Veterinary Student Scholarship Fund (contd)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Veterinary Medicine education.

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EMPLOYMENT OF ARCHITECT/ENGINEER

**SAWTOOTH REPLACEMENT, PHASE I
(Johnston Laboratory Remodeling)**

Resolution No. 79-127

Synopsis: Employment of architect/engineer for renovation in Johnston Laboratory, "Sawtooth" portion of McPherson Chemistry Laboratory, is presented for approval.

WHEREAS the "Sawtooth" portion of McPherson Chemistry Laboratory, which was built in 1922, has deteriorated to the point where renovation is untenable and operating and maintenance costs are prohibitive, and where safety provisions are difficult to maintain; and

WHEREAS it is anticipated that the General Assembly will appropriate funds for replacement of this laboratory in the 1979-1981 Biennium; and

WHEREAS this requires that current activities in the "Sawtooth" be relocated and the building demolished before construction of the replacement can begin; it is proposed that preparation of contract documents be started at this time for remodeling approximately 6,300 square feet of space in Johnston Laboratory to accommodate relocating research activities now in the "Sawtooth"; and

WHEREAS an additional architectural firm will be selected to prepare contract documents for the "Sawtooth Replacement, Phase II" upon receipt of the newly appropriated funds for the "Sawtooth" replacement project with construction work to proceed immediately:

NOW THEREFORE

BE IT RESOLVED, That the firm of William W. Gillfillen, Architect, of Columbus, Ohio, be employed to provide architectural services for this initial Phase I of the total project which will include preliminary plans, basic drawings, specifications, estimate of cost and necessary bidding documents; and

May 4, 1979 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER (contd)

**SAWTOOTH REPLACEMENT, PHASE I (contd)
(Johnston Laboratory Remodeling)**

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project estimate of cost being \$520,000 for "Sawtooth Replacement, Phase II," to be funded by the newly appropriated funds anticipated for 1979-1981, and the planning fee established for "Phase I" is \$30,000, which will be provided from Budget Account 885076.

Upon motion of Mrs. James, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

UNIVERSITY AIRPORT, APRON AND RUNWAY IMPROVEMENTS

Resolution No. 79-128

Synopsis: Employment of architect/engineer for resurfacing and improvements of deteriorated pavement for a portion of the runways and aprons at University Airport.

WHEREAS the University Airport main terminal apron and runway 5/23 pavement surfaces are deteriorated, due to the excessively bad weather occurring during the past two winters, and are in critical need of repairs; and

WHEREAS the main terminal apron also requires enlarging to provide increased parking for both transient and based aircraft; and

WHEREAS the Department of Aviation has secured a \$521,456 grant from the Federal Aviation Administration's Airport Development Aid Program to fund these improvements:

NOW THEREFORE

BE IT RESOLVED, That the firm of Grindle and Bender, Ashland, Ohio, be employed to provide complete engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents, and supervision of the work; and

BE IT FURTHER RESOLVED, That the fee for this service be negotiated between the firm and the Department of Administrative Services, Division of Public Works, with the total project cost being \$521,456 financed by the Federal Aviation Administration's Airport Development Aid Program.

Upon motion of Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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May 4, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 79-129

Synopsis: Plans and specifications are being proposed for three projects.

WHEREAS at the request of the Acting Vice President for Business and Administration, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following three projects:

UNIVERSITY AIRPORT, APRON AND RUNWAY IMPROVEMENTS

Project: Pavement resurfacing and improvements for a portion of the runways and aprons at the University Airport.

Funding: Federal Aviation Administration Grant

Estimated Project Cost: \$521,456.00

OHIO STADIUM--REPLACE ARTIFICIAL TURF

Project: Replace all artificial turf in the Ohio Stadium including a new pad under playing field area. Alternate bids will also be taken to place turf and pad in the French Field House, repair and reglue existing turf on the Biggs Athletic Facility field.

Funding: Department 5414, Budget Account 316550 (Athletic Revenue)

Estimated Project Cost: \$485,850.00

PARKING LOT REPAIRS--MAIN CAMPUS, VARIOUS LOCATIONS

Project: Parking lot repairs--Goss Laboratory-West Lot and Drive, East Baker, ElectroScience, Food Facility, Law Building, and University College-East Lot.

Funding: Budget Account 885071 (Parking Revenues)

Estimated Project Cost: \$188,750.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the foregoing projects be approved; that the Purchasing Department of the University be authorized to proceed with the solicitation of bids for the project designated "Ohio Stadium--Replace Artificial Turf" in accordance with normal procedures of said department,

May 4, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

pursuant to authorization from the Department of Administrative Services, Division of Public Works; and that the President and/or Acting Vice President for Business and Administration be authorized to sign the plans and specifications for the remaining three projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That these actions be reported to the Board at a later meeting.

Upon motion of Mr. Devenow, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUND

Resolution No. 79-130

Synopsis: Contracts have been awarded for one project to the lowest and best bidders in accordance with University procedures.

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following project:

SISSON HALL IMPROVEMENTS

Description: Create needed research laboratories and faculty offices for the College of Veterinary Medicine.

General Contract

Date Received:	March 27, 1979
No. of Bids:	4
Low Bid:	\$ 53,400.00*

*General contract bid in excess of the filed estimate of cost; however, the total price of all contracts is within 10 per cent of the total estimate of cost and the contract therefore is being recommended for award as provided by Section 153.12 of the Ohio Revised Code.

May 4, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

SISSON HALL IMPROVEMENTS (contd)

General Contract (contd)

High Bid:	\$ 68,700.00
Estimate of Cost:	\$ 37,809.00
Awarded to:	Ed Ross Construction Company (Columbus, Ohio)

Plumbing Contract

Date Received:	March 27, 1979
No. of Bids:	5
Low Bid:	\$ 24,580.00**
High Bid:	\$ 34,678.00**
Estimate of Cost:	\$ 42,628.00**
Awarded to:	Giehl, Inc. (Columbus, Ohio)

Heating and Ventilating Contract

Date Received:	March 27, 1979
No. of Bids:	4
Low Bid:	\$ 71,560.00**
High Bid:	\$ 82,800.00**
Estimate of Cost:	\$107,038.00**
Awarded to:	Giehl, Inc. (Columbus, Ohio)

Electrical Contract

Date Received:	March 27, 1979
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**Recommended alternates reflected in these totals.

May 4, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUND (contd)**

SISSON HALL IMPROVEMENTS (contd)

Electrical Contract (contd)

No. of Bids:	3
Low Bid:	\$ 26,510.00**
High Bid:	\$ 33,240.00**
Estimate of Cost:	\$ 46,794.00**
Awarded to:	Demos Electric Co. (Columbus, Ohio)

Laboratory Equipment Contract

Date Received:	March 27, 1979
No. of Bids:	2
Low Bid:	\$ 59,310.00**
High Bid:	\$ 59,928.00**
Estimate of Cost:	\$ 50,140.00**
Awarded to:	Kewaunee Scientific Equipment Corp. (Adrian, Michigan)

Total All Contracts: \$235,360.00

Total Contingency Allowance: \$ 7,658.40 which is 3 per cent of construction costs

Total Project Cost: \$290,000.00

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

**Recommended alternates reflected in these totals.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and a contingency fund for the project listed above are hereby reported.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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May 4, 1979 meeting, Board of Trustees

**TRANSFER OF JURISDICTION OF 9.9 ACRES OF LAND IN COSHOCTON COUNTY
FROM STATE OF OHIO (THE OHIO STATE UNIVERSITY) TO THE
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER**

Resolution No. 79-131

Synopsis: Transfer of jurisdiction of 9.9 acres of land in Coshocton County from State of Ohio (The Ohio State University) to the Ohio Agricultural Research and Development Center, for utilization in the Center's research program, is being proposed.

WHEREAS the State of Ohio for the Board of Trustees of The Ohio State University in 1941 purchased 9.9 acres of land located in the Townships of White Eyes and Crawford, Coshocton County, Ohio for use by the Civil Engineering Department Summer Survey Camp; and

WHEREAS the Summer Survey Camp is no longer an academic requirement in the program leading to an undergraduate degree in civil engineering; and

WHEREAS said land is located in the center of the facilities at the North Appalachian Experimental Watershed, which is under joint management by the Ohio Agricultural Research and Development Center, United States Department of Agriculture, and the Agricultural Research Service, and which conducts research vital to the development of soil and water management and conservation; and

WHEREAS it is the desire of the University and the Ohio Agricultural Research and Development Center that the land be used for research programs at the Center; and

WHEREAS the appropriate University departments have recommended that jurisdiction of the 9.9 acres of land, currently leased to the United States Department of Agriculture, be transferred to the Ohio Agricultural Research and Development Center for use in accordance with the provisions of sections 903.01 and 903.02, Ohio Revised Code:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University to prepare and process the necessary instruments to provide for a transfer of jurisdiction for said land from The Ohio State University to the Ohio Agricultural Research and Development Center.

Upon motion of Mr. Devenow, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 4, 1979 meeting, Board of Trustees

EASEMENTS - CITY OF UPPER ARLINGTON

Resolution No. 79-132

Synopsis: Renewal of right-of-way easements for City of Upper Arlington.

WHEREAS legal counsel for the University initiated legal action against the City of Upper Arlington to enjoin collection of assessments for street improvements for widening of Tremont and Kenny Roads and to strike the assessments from the tax rolls; and

WHEREAS as a result of said action, the City of Upper Arlington has agreed to sign a consent decree ordering the County Auditor and Treasurer to strike from the tax list and tax duplicate all of the special assessments, interest and penalties levied against the University for the Fishinger, McCoy, Kenny and Tremont Road improvements on condition that the University grant renewal of certain easements originally granted for these projects; and

WHEREAS the appropriate University agencies have recommended that the following easements be renewed for an additional fifteen (15) year period:

1. Easement granted December 12, 1961, for widening of McCoy Road from Lyon Drive to Kenny Road;
2. Easement granted December 6, 1960, for construction, operation, maintenance, repair and replacement of Turkey Run Sanitary Sewer (east property line of The Ohio State University Golf Course approximately 1,500 feet south of the intersection of McCoy Road and Kenny Road and extending in a westerly direction to a point of ending, located on the west property line of said tract of land said point being southerly approximately 2,300 feet from the northwest corner of said tract);
3. Easement on Fishinger Road adjacent to The Ohio State University Golf Course.

NOW THEREFORE

BE IT RESOLVED, That the President and/or Acting Vice President for Business and Administration be authorized to request the Department of Administrative Services, Director of Public Works, pursuant to his statutory duties, to act for and on behalf of the University to prepare the necessary instruments to provide for said easement renewals.

Upon motion of Mr. Galbreath, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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May 4, 1979 meeting, Board of Trustees

**AGREEMENT WITH BUSINESS TELEPHONE SYSTEMS, INC., FOR
INSTALLATION OF AN ELECTRONIC TELEPHONE SYSTEM TO
REPLACE CENTREX SYSTEM IN UNIVERSITY HOSPITALS**

Resolution No. 79-133

Synopsis: University Hospitals enter into an agreement with Business Telephone Systems, Inc., for the purchase of an electronic telephone system to replace the current Centrex System.

WHEREAS University Hospitals current and future telephone needs were reviewed by the management consulting firm, Benton, Schneider & Associates, Inc., who recommended utilization of an electronic telephone system over expansion of the current Centrex System; and

WHEREAS bids were solicited in accordance with specifications developed by University Hospitals, University Purchasing Department, and Benton, Schneider & Associates, Inc.; and

WHEREAS bid invitations were sent to four vendors, which resulted in three bid proposals from Business Telephone Systems, Ohio Bell, and Electronic; and

WHEREAS the Office of Business and Administration and the University Hospitals, along with Benton, Schneider & Associates, Inc., reviewed the bids and recommended that the University purchase Business Telephone Systems Northern Telecom SL-1 system since the cost of the electronic system was lower than the cost of expanding the current Centrex System in University Hospitals; and

WHEREAS the telephone equipment purchase plan has been reviewed by the Ohio Department of Health, and the expenditure has been approved under the appropriate Federal guidelines:

NOW THEREFORE

BE IT RESOLVED, That the Acting Vice President for Business and Administration be authorized to negotiate and enter into a contract on behalf of the University with Business Telephone Systems, Inc., of Columbus, Ohio, for the purchase and installation of a Northern Telecom SL-1 system in University Hospitals to provide telephone service in the newly constructed Rhodes Hall and to replace the Centrex System in use in the Hospitals at this time.

Upon motion of Dr. Jacob, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution with eight affirmative votes and Mr. Galbreath abstained from voting.

--O--

REVISION OF STUDENT HEALTH INSURANCE

Resolution No. 79-134

Synopsis: Revision of the Student Health Insurance Program with Mutual of Omaha is recommended.

May 4, 1979 meeting, Board of Trustees

REVISION OF STUDENT HEALTH INSURANCE (contd)

WHEREAS on March 3, 1978, this Board awarded a two-year renegotiated contract (effective Autumn Quarter, 1978) to Mutual of Omaha to provide Student Health Insurance; and

WHEREAS the renegotiated contract, as stipulated by the Subcommittee on Student Insurance of the Council on Student Affairs, provided additional benefits and changed the maternity benefit from immediate coverage to coverage effective only after the payment of three quarters of premiums; and

WHEREAS after consideration of the desires and concerns of the students who purchase this insurance, the Student Insurance Subcommittee has subsequently made the recommendation, ratified by the full Council on Student Affairs, that the maternity benefit be changed again to provide immediate maternity coverage; and

WHEREAS such revised student health insurance coverage will be available on an optional basis to all registered students at the following premium schedule:

Classification	Quarterly Premium Rates
Student	\$ 32.00
Student and spouse	79.00
Student, spouse and children	119.00
Student and dependent child or children	72.00

NOW THEREFORE

BE IT RESOLVED, That Mutual of Omaha be awarded the renegotiated Student Health Insurance contract, effective the first day of classes, Autumn Quarter, 1979, for a period of one year. The contract will provide the benefit changes outlined above as well as those now available under the terms of the current contract.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

**THE MARION POWER SHOVEL COMPANY, INC.,
OPTION TO PURCHASE - EXTENSION**

Resolution No. 79-135

Synopsis: Option to purchase property is extended from March 31, 1979 to October 31, 1979.

WHEREAS The Ohio State University Development Fund was given a shopping center known as the Central Junior High School Grounds, located on the north side of West Center

May 4, 1979 meeting, Board of Trustees

**THE MARION POWER SHOVEL COMPANY, INC.,
OPTION TO PURCHASE - EXTENSION (contd)**

Street, and further described as 218-258 West Center Street, Marion, Ohio, by Mr. and Mrs. William Davis and son William C. Davis for the purpose of establishing The William H. Davis Professorship in the College of Administrative Science; and

WHEREAS The Ohio State University Development Fund is desirous of selling said property and realizing the maximum proceeds from said sale; and

WHEREAS The Marion Power Shovel Company, Inc., has executed a lease on a portion of said property and in said lease was granted an Option to Purchase said property in its original lease; and

WHEREAS said option expired on March 31, 1979, and The Marion Power Shovel Company has indicated an interest in purchasing said property and has requested that another option be granted to them to purchase said property:

NOW THEREFORE

BE IT RESOLVED, That The Marion Power Shovel Company, Inc., be granted an Option to Purchase said property according to the price and stipulations specified in a lease agreement dated March 29, 1976, between David-Marion Company, a partnership and itself, except that the option if exercised must cover the entire property described above and that the Option to Purchase shall expire at midnight of October 31, 1979.

Upon motion of Mr. Devenow, seconded by Mrs. James, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

CLOSING COMMENTS

Dr. Sirak:

This will mark my last meeting as Chairman of the Board. I want you all to know that I have learned a great deal. I won't say that I have always enjoyed it. And the next meeting held here on June 7, in the Fawcett Center will mark the inauguration of Pat James as Chairman of the Board; and Pat, do you have anything you would like to say as a forewarning or of things to come?

Mrs. James:

Well, not exactly. I certainly look forward to the next academic year and I'll be depending on Dr. Enarson and members of the administration to keep things as uneventful and quiet as possible.

May 4, 1979 meeting, Board of Trustees

CLOSING COMMENTS (contd)

Dr. Sirak:

I also would like to remark that this will be Len Immke's last meeting. Len, I personally feel that this has been all too short. I hope you get a raincheck and thank you very much for your contribution that you did make in that brief period of time.

Mr. Immke: I enjoyed it.

Dr. Sirak: We enjoyed having you; I am sure I speak for all of us.

President Enarson:

I might report to both the outgoing chairman and the incoming chairlady/chairperson that I really do cherish the relationship with each and every one of you, but I, of necessity, have a very close relationship with whoever is the chairman, and I have enjoyed your support, your encouragement, your deserved criticism of me, and I look forward to the same thing.

--O--

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-136

RESOLVED, That the report on the University's Investment Portfolio, dated April 20, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--O--

Thereupon the Board adjourned to meet Thursday, June 7, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Howard D. Sirak
Chairman

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APPENDIX IV

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 8, 1979

Page 558 is blank

The Recipients of Honors

Soichiro Honda Doctor of Humane Letters

Founder of the Honda Motor Company, Soichiro Honda has earned international recognition for his many contributions to automotive technology, to agricultural and transportation systems, and indeed, to the quality of life in his country. His career reflects the highest ideals upon which the land-grant university was founded and sets him apart as a leader in the world community of business.

Saul Krugman Doctor of Science

Eminent physician and alumnus, Saul Krugman is internationally recognized for his many efforts to improve the health of world populations. His research in pediatrics and virology has helped to bridge the gap between laboratory and patient. For his deep concern for the world community, he has earned the gratitude of the many whose lives he has bettered.

Walter F. Mondale Doctor of Laws

Distinguished public servant, Walter Mondale has insisted that the Vice President be much more than a silent partner, and in so doing has brought new distinction to that office. As Attorney General of Minnesota, United States Senator, and Vice President of the United States, he has fashioned a brilliant political career. Yet its lasting significance, as well as its future promise, are to be found in the essential humaneness which has been the hallmark of his life as a public servant.

C. Radhakrishna Rao Doctor of Science

Renowned statistician, C. R. Rao is widely acknowledged among the world community of scholars as one of the world's foremost experts in his field. In the complex realms of statistics and higher mathematics, his research and scholarly writing have opened new doors of understanding. The statistical theories and applications that bear his name attest to the fundamental contributions he has made to this science and to the larger body of man's knowledge.



Walter F. Mondale
Vice President of the United States

The Ohio State University, in this its 268th Commencement ceremony, is deeply honored by the presence of the Vice President of the United States, Walter F. Mondale. The University is pleased to bestow upon Vice President Mondale its highest honor, the degree Doctor of Laws, *honoris causa*.

Harold L. Enarson
President

Graduate School

Dean: Jules B. Lapidus

Doctor of Musical Arts

Diana Ruth Duffin, Pikeville, Ky.; B.S. (Juilliard School of Music); M.Mus.; *Music*; Dr. Richard Tetley-Kardos

Mary Gilley Schiller, Eden, N. C.; B.M. (University of North Carolina); M.Mus.; *Music*; Dr. Marion R. Alch

Doctor of Philosophy

Mohamed Shawky Abdel-Rahman, Mansoura, Egypt; B.A. (Higher Institute of Agriculture); M.S.; *Pharmacology*; Dr. Daniel Couri

Emmanuel David Akpan, Uyo, Nigeria; B.A. (San Francisco State College); *Communication*; Dr. Robert R. Monaghna

ElFatih Mohamed Ali, Baghdad, Iraq; B.S. (University of Khartoum); M.S.; *Civil Engineering*; Dr. Tien H. Wu

Ibrahim Ismail Ali, Baghdad, Iraq; B.V.M. (University of Baghdad); M.S.; *Veterinary Physiology and Pharmacology*; Dr. Robert L. Hamlin

Hussam Hussein Al-Khatib, Beirut, Lebanon; B.S. (Florida Agricultural and Mechanical University); M.S.; *Electrical Engineering*; Dr. Thomas A. Seliga

Susan Beggs Baker, Houston, Tex.; B.B.A. (Baylor University); M.P.H. (University of Texas); M.S.; *Preventive Medicine*; Dr. Thomas N. Chirikos

Ricki Sue Bander, Bronx, N. Y.; B.A. (City College of New York); M.A.; *Psychology*; Dr. Richard K. Russell

Jayanta Banerjee, Bihar, India; B.Tech. (Indian Institute of Technology, Kharagpur); M.Tech. (Indian Institute of Technology, Kanpur); *Computer and Information Science*; Dr. David K. Hsiao

Rebecca Louise Banks, Ada; B.S. (University of Akron); M.A. (Kent State University); *Physical Education (Health Education)*; Dr. Seymour Kleinman

Steve Michael Barkin, Honesdale, Pa.; A.B. (Washington University); M.S. (Columbia University); *Communication*; Dr. Goodwin Berquist, Jr.

Roger Wayne Bartnick, Muncie, Ind.; B.S., M.A. (Ball State Teachers College); *Education*; Dr. Robert J. Silverman

C. Thomas Bell, Columbus; B.S., M.S.; *Animal Science*; Dr. George R. Wilson

William Barrett Benninger, Madison, N. J.; B.A., M.A.; *Psychology*; Dr. W. Bruce Walsh

Walter Octaviano Bernis, Minas Gerais, Brazil; Veterinário (Escola de Veterinária da Universidade Federal de Minas Gerais); M.S. (Texas Agricultural and Mechanical College); *Veterinary Clinical Sciences*; Dr. Milton Wyman

John Michael Bolland, Edmonds, Wash.; B.A. (University of Washington); M.A.; *Political Science*; Dr. Lawrence J. R. Hersov

Linda Ann Bott, Hudson; A.B. (Ohio University); M.A.; *Psychology*; Dr. Barbara Edmonson

William Earl Boys, Lexington; B.A., B.D. (Concordia Seminary College); *Linguistics*; Dr. Catherine A. Callaghan

Randal Lee Briggs, Woodville; B.S.E.E. (Ohio Northern University); M.S.; *Electrical Engineering*; Dr. Karl W. Olson

Donald George Bronn, Columbus; B.A., M.S.; *Zoology*; Dr. Wayne B. Parrish and Dr. John P. Minton

Joseph Dale Brownsmith, Lincoln, Neb.; B.A. (Creighton University); M.S. (University of Nebraska); *Computer and Information Science*; Dr. Thomas G. DeLutis

Donald W. Buchanan, Jr., Postoria; B.S. (Oklahoma State University); M.S.; *Chemical Engineering*; Dr. Edwin E. Smith

Dale Eugene Buonocore, Columbus; B.S. (Ursinus College); M.A.; *Psychology*; Dr. Don M. Dell and Dr. Theodore J. Kaul

Edmund Robert Burke, Bronx, N. Y.; B.S., M.A. (Ball State University); *Physical Education*; Dr. Robert L. Bartels

Elizabeth Brooks Cadenhead, Red Wing, Minn.; A.B., A.M., A.M. (Stanford University); *Political Science*; Dr. Chadwick F. Alger

Luen Charm Chan, Kowloon, Hong Kong; B.E.E. (University of Dayton); M.S.; *Electrical Engineering*; Dr. David L. Moffatt

Dwayne Eugene Channell, Senecaville; B.S.Ed., M.A.; *Education*; Dr. Richard J. Skumway

Inn Gwi Choi, Seoul, Korea; B.E. (Hanyang University); M.S.; *Mechanical Engineering*; Dr. Seppo A. Korpela

Nick Edward Christians, Kanawha, Ia.; B.S. (Colorado State University); M.S.; *Agronomy*; Dr. David P. Martin

Dianne Elizabeth Cnich, Canton; B.S. (Kent State University); M.A.; *Physical Education (Health Education)*; Dr. Mary K. Beyer

Marie Ethel Collart, McKeesport, Pa.; B.S.Nur., M.S.; *Education*; Dr. Robert W. Wagner

Jeffrey Wayne Cox, Columbus; B.S. (University of Missouri, Kansas City); *Physiological Chemistry*; Dr. Lloyd A. Horrocks

Carla Sue Crook, Manhattan, Kans.; B.S., M.S. (Kansas State University); *Home Economics*; Dr. Julia I. Dalrymple

David Charles Deal, Hobart, Ind.; A.B. (Indiana University); M.A.; *Psychology*; Dr. Don M. Dell

Patricia Atchison DeVore, Columbus; B.S., M.A.; *Education*; Dr. Virgil E. Blanke
Frederick Joseph Dickey, Westerville; B.S., M.S.; *Computer and Information Science*; Dr. H. William Buttelmann

Carol Ann Dickson, Clayton, Mo.; B.S. (Fontbonne College); M.S.; *Home Economics*; Dr. Lois E. Dickey

Linda Susan Schnulle Dillon, Cicero, Ill.; B.S. (Iowa State University); M.S. (University of North Carolina); *Education*; Dr. Aaron J. Miller and Dr. Anthony A. Olinzock

Karl Von Ebner, Lafayette; B.S.; *Pharmacology*; Dr. Daniel Couri

Shaaban Fouad El-Naggar, Alexandria, Egypt; Bachelor, M.S. (University of Alexandria); M.S.; *Pharmacy*; Dr. Raymond W. Doskotch

Mark Norman Emly, Dell Rapids, S. D.; B.S. (South Dakota State University); *Chemistry*; Dr. Daniel L. Leussing

Larry Steven Fewell, Columbus; B.S., M.A. (West Virginia University); *Education*; Dr. William Moore, Jr.

Robert Mark Fischbach, Xenia; B.A. (University of Vermont); M.S. (Illinois State University); *Communication*; Dr. Donald J. Cogala

Carolyn F. Fitzgerald, Potomac, Md.; B.S. (University of Maryland); M.A.; *Psychology*; Dr. Samuel H. Osipow

Virgil Randall Flora, Columbus; B.S. (Marietta College); M.A.; *Education*; Dr. Charles M. Galloway

James Gillen Fox, Bryan; B.S.Ed.; M.S.; *Horticulture*; Dr. Wilbur A. Gould

Suguru Furuchi, Tokyo, Japan; B.A. (Waseda University); M.P.E. (Juntendo University); *Physical Education*; Dr. Robert L. Bartels

Mohd. Zaki Ghazalli, Wageningen, Netherlands; B.S. (MacDonald College of McGill University); M.S. (Agricultural University); *Agronomy*; Dr. George S. Taylor

Margaret Ann Goode, Columbus; B.S., M.S.; *Education*; Dr. James V. Wightl

Charles Joseph Gross, Westerville; B.A.; M.A. (Utah State University); *History*; Dr. Allan R. Millett

Carolyn Dupree Haessig, Cincinnati; B.S.H.Ec. (University of Cincinnati); M.P.W. (University of California, Berkeley); *Home Economics*; Dr. Virginia M. Vivian

Bradford Lee Hair, Atwater, Calif.; B.S., M.S. (Clemson University); *Horticulture*; Dr. Wilbur A. Gould

Michael Paul Hallden-Abberton, Westbury, N. Y.; B.A. (State University of New York at Potsdam); *Chemistry*; Dr. Gideon A. Fraenkel

Jack Lee Hamilton, Ithaca, N. Y.; B.S.Ed., M.A.; *Education*; Dr. Richard N. Pratte

James Enrich Hamos, Cleveland; B.A. (University of Pennsylvania); *Anatomy*; Dr. James S. King

Robert Baldwin Harris, Sandy Hook, Conn.; B.A., M.A.; *Economics*; Dr. Frederick D. Stocker

Rodney Alan Hathaway, Columbus; M.S.; *Physiological Optics*; Dr. Richard M. Hill

Robert William Henry, New Albany; D.V.M., M.S.; *Veterinary Anatomy*; Dr. Charles D. Diesem

Steven Kendall Holloway, Columbus; B.A., M.A.; *Political Science*; Dr. James E. Harf

William Lee Howard, Columbus; B.S., M.S.; *Education*; Dr. Donald J. Tosi

- Harry Hammond Howarth, III, Columbus; B.A., B.S.Ed., M.A.; *Psychology*; Dr. Donald R. Meyer
- Fu-Chuan Hsing; B.A. (National Cheng Chi University); M.A. (College of Chinese Culture); *History of Art*; Dr. John C. Huntington
- Mei-Ying Huang, Taipei, Taiwan; B.S., M.S. (National Taiwan University); *Pharmacy*; Dr. Robert E. Notari
- Pamela Irvia Hunter, High Point, N. C.; A.B. (Livingstone College); M.Ed. (University of North Carolina); *Education*; Dr. Charles H. Wolfgang
- Marcia Lynn Hurlow, Mount Vernon; B.A. (Baldwin-Wallace College); M.A.; *Education*; Dr. Donald R. Bateman
- Krishnan M. Iyer, Columbus; B.Tech. (Indian Institute of Technology, Madras); M.Tech. (Indian Institute of Technology, Kanpur); *Engineering Mechanics*; Dr. Arthur W. Leissa
- Jeffrey Ned Kahn, Great Neck, N. Y.; B.S. (Rensselaer Polytechnic Institute); *Mathematics*; Dr. Dijen K. Ray-Chaudhuri
- Miriam Steinitz Kannan, Quito, Ecuador; B.A. (Rider College); *Zoology*; Dr. Paul A. Colinvanz
- Ezatollah Karami, Shiraz, Iran; B.Sc. (Pahlavi University); M.Ed.Ag. (Pennsylvania State University); *Agricultural Education*; Dr. Robert W. McCormick
- Safwan Abbas Hassan Khedr, Dokky, UAR; B.Eng. (Cairo University); M.S.; *Civil Engineering*; Dr. Kamran Majidzadeh
- Kathleen Estelle Kiefer, Dayton; B.A. (University of Dayton); M.A.; *English*; Dr. James L. Battersby, Jr.
- Uh-Chul Kim, Seoul, Korea; B.S. (Seoul National University); M.S. *Metallurgical Engineering*; Dr. Roger W. Staehle
- Gopalakrishna Rao Kodali, Andhra Pradesh, India; B.E. (Osmania University); M.Tech. (Indian Institute of Technology, Kharagpur); M.S. (University of California, Berkeley); *Industrial and Systems Engineering*; Dr. William T. Morris
- Michael Raymond Leippe, Rochester, N. Y.; B.A. (University of Rochester); M.A.; *Psychology*; Dr. Anthony G. Greenwald
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- Sam H. T. Liao, Columbus; B.S. (Tungshai University); *Pharmacy*; Dr. Alfred E. Staubus
- Helen Roth Lupidi, Keyser, W. Va.; B.A., M.S.; *Agricultural Economics and Rural Sociology*; Dr. G. Howard Phillips
- John James Lynch, Jr., Worthington; B.S. (Valparaiso University); M.S.; *Microbiology*; Dr. Frank W. Chorpennings
- Margaret Dunnigan Lynn, Columbus; B.S., M.S.; *Home Economics*; Dr. Rachel M. Hubbard
- Roy Coleman Major, Columbus; B.A. (University of Akron); M.A. (University of Arizona); M.A.; *Linguistics*; Dr. David L. Stampe
- Bruce Edward Maley, Dayton; B.S. (Wright State University); *Anatomy*; Dr. James S. King
- Paul Michael Mangiamoli, Bronx, N. Y.; B.S., M.B.A.; *Business Administration*; Dr. LeRoy J. Krajewski
- Curtis Eugene Martin, Abbeville, S. C.; B.S. (Ashland College); M.A.; *Physical Education*; Dr. Charles L. Mand
- Joelle Mast, Elizabeth, N. J.; A.B. (Smith College); M.A.; *Psychology*; Dr. Delos D. Wickens
- Merl Floyd McBride, Ashland; B.M.E., M.S.; *Mechanical Engineering*; Dr. Charles F. Sepsy
- Edwin P. McClain, Jr., Dayton; B.A., M.A.; *Political Science*; Dr. Chadwick F. Alger
- Horace Pitman McNeal, Jr., Columbus; B.A. (Furman University); M.A. (University of Georgia); *Music*; Dr. Burdette L. Green
- William Eugene McRae, Dallas, Tex.; B.A. (Millsaps College); M.Th., M.F.A. (Southern Methodist University); *Education*; Dr. Paul R. Klohr
- Samia Mohamed Metwalli, Cairo, Egypt; B.S. (Ain Shams University); M.A.; *Education*; Dr. Harold C. Trimble
- Gary John Milczarek, Salt Lake City, Utah; B.A., M.A. (University of Utah); *Education*; Dr. Robert R. Bargar
- Patrick Pel-Yung Moh, Columbus; B.S.; *Physiological Chemistry*; Dr. James O. Allen
- Gunther Alfred Mueller, Vineland, N. J.; B.A., M.A. (West Virginia University); *Education*; Dr. Gilbert A. Jarvis
- Jean Louise Muthard, Gainesville, Fla.; B.S. (University of Florida); *Chemistry*; Dr. Leo A. Paquette
- S. Lakshmi Narasimhan, Madras, India; B.Sc. (University of Madras); M.Sc. (Indian Institute of Technology, Madras); *Chemistry*; Dr. John S. Swenton
- Udodiri Paul Sonde Okafor, Madison, Wis.; Diploma (Ahmadu Bello University); M.S. (University of Wisconsin); *Physical Education*; Dr. Donald D. Harper
- Tom Okello Oloya, Gulu, Uganda; B.S., M.S. (Cornell University); *Agronomy*; Dr. Terry J. Logan and Eugene O. McLean
- Deborah H. Panitch, Nassau, N. Y.; A.B. (Cornell University); M.E. (Tufts University); *Psychology*; Dr. Charles Wenar
- Terri Goldberg Paul, Columbus; A.B. (Washington University); M.A.; *English*; Dr. Christian K. Zacher
- Joanne Luckino Petrick, Columbus; A.B. (Saint Mary of Spring College); M.A.; *English*; Dr. Daniel R. Barnes
- Chester Piotrowski, El Paso, Tex.; B.S. (Michigan State University); M.S.; *Physics*; Dr. James T. Tough
- William Anthony Quinn, Paramus, N. J.; B.A. (Xavier University); M.A.; *English*; Dr. Christian K. Zacher
- Shahran Rahmani, Tehran, Iran; B.S., M.S. (University of Tehran); *Electrical Engineering*; Dr. Frank C. Weimer
- David Edwin Rathke, Storrs, Conn.; B.S. (Iowa State University); *Environmental Biology*; Dr. Clarence E. Taft and Karlis Svanks
- John Frederick Reichart, Albertson, N. Y.; B.A. (Manhattan College); M.A.; *Political Science*; Dr. Charles F. Hermann
- George William Reinhardt, Xenia; E.E. (University of Cincinnati); M.S.; *Electrical Engineering*; Dr. Stuart A. Collins, Jr.
- Hyacinth Elaine Rodney, Clarendon, Jamaica; Diploma (Bethlehem Teacher's College); M.A. (Western Carolina University); *Education*; Dr. Joseph J. Quaranta, Jr.
- Glenn Edward Rohrer, Columbus; B.S.; M.Div. (Methodist Theological School, Ohio); M.S.W.; *Education*; Dr. Anthony C. Riccio
- Amos Rolider, Kfar Yehoshua, Israel; B.A. (Wingate Institute); M.S. (Brigham Young University); M.A.; *Physical Education*; Dr. Daryl L. Siedentop
- Stephen Andrew Rose, Columbus; B.S., M.A.; *Education*; Dr. Robert E. Jewett
- George Ruppel, Jr., Seaford, N. Y.; B.A. (Saint John Fisher College); M.A.; *Psychology*; Dr. Don M. Dell and Dr. Theodore J. Kaul
- Reiner Horst Schaeffer, Rickenbacker; (University of Nebraska, Omaha); M.P.A. (University of Missouri, Kansas City); *Education*; Dr. Gilbert A. Jarvis
- Teresa Margaret Schultz, Garden City, N. Y.; B.A. (Wellesley College); M.A.; *Psychology*; Dr. Charles Wenar
- Carol Rose Schwebel, Columbus; B.S. (New York University); M.A.; *Education*; Dr. Charlotte S. Huck
- Jeffrey John Seilhamer, Columbus; B.S.; *Developmental Biology*; Dr. Thomas J. Byers
- Yahya Ibrahim Sharaf-Eldeen, Alexandria, Egypt; B.S., M.S. (Alexandria University); *Agricultural Engineering*; Dr. Mohamed Y. Handy
- Robert Joseph Shaw, Rocky River; B.A.A.E., M.S.; *Aeronautical and Astronautical Engineering*; Dr. John D. Lee
- Mark Allen Sherouse, Columbus; B.A. (Florida State University); M.A.; *Philosophy*; Dr. Charles F. Kielkopf
- William Michael Shields, Valley Stream, N. Y.; A.B. (Livingston College); M.S.; *Zoology*; Dr. Thomas C. Grubb, Jr.
- Betty Heath Sipsos, Frankfort, Ky.; B.S., M.Sc. (Murray State University); *Education*; Dr. Deucey A. Adams and Dr. Anthony A. Olizock
- Sripaan Sithipong Nakornsawan, Thailand; B.Ed., M.Ed. (Chulalongkorn University); *Education*; Dr. Donald P. Sangars

I. John M. Slegeski, Columbus; B.S., M.A.;
Education; Dr. Donald R. Bateman

David Thomas Smith, Morrow, Ga.; B.A.
(Miami University); M.A.; *Psychology*;
Dr. Barbara Edmonson

Jean McClain Smith, Hilliard; B.S., M.A.;
Education; Dr. Joseph J. Quaranta, Jr.

Maureen Honora Smith, Youngstown;
B.Bus. (Kent State University); M.Acct.;
Accounting; Dr. Thomas J. Burns

Marcella Harnish Sorg, Columbus; B.A.
(Bowling Green State University); M.A.;
Anthropology; Dr. Paul W. Sciulli

David Richter Stevenson, Norfolk, Va.;
B.A. (Norfolk State College); M.A.;
Anthropology; Dr. Paul W. Sciulli

Jerome Anthony Streeky, Youngstown;
B.S. (Case Western Reserve University);
M.S.; *Chemistry*; Dr. Daryl H. Busch

Jonathan Leigh Tafel, Columbus; B.S.,
M.A.; *Education*; Dr. Robert E. Jewett

Richard Dale Tallman, Los Gatos, Calif.;
B.S. (University of California, Berkeley);
Physiology; Dr. Albert L. Kunz

Melinda Jean Tarr, Albion, Calif.;
D.V.M. (University of California, Davis);
M.S.; *Veterinary Pathobiology*;
Dr. Richard G. Olsen

Joseph Michael Towarnicky, Lakewood;
B.A. (Northwestern University); M.S.;
Chemistry; Dr. Eugene P. Schram

David Samuel Tuber, Columbus; B.S.,
M.A.; *Psychology*; Dr. Delos D. Wickens

Roseann Frances Umana, Bradenton, Fla.;
B.S. (Michigan State University); M.A.;
Psychology; Dr. Andrew I. Schuebel

Diane Caskey Vaughan, Columbus; B.A.,
M.A.; *Sociology*; Dr. Simon Dinitz

Barbara Berger Walker, Columbus;
A.B. (Indiana University); M.A.;
Psychology; Dr. Curt A. Sandman

John Michael Walker, Columbus;
A.B. (Indiana University); M.A.;
Psychology; Dr. Curt A. Sandman

Josette Filippi Wilburn, Circleville; B.A.
(University of Minnesota); M.A.;
Romance Languages and Literatures;
Dr. Pierre A. Aetler

Daniel Lewis Wise, Maple Heights; A.B.
(Ohio University); M.S. (Northern
Illinois University); *Geography*;
Dr. John N. Rayner

Michael L. Woltermann, Springfield;
B.A. (University of Dayton); M.S.;
Mathematics; Dr. Sürinder K. Sehgal

Maria Zafrana, Columbus; Diploma
(University of Thessaloniki); Diploma
(Goethe Institute); *Education*;
Dr. Donald P. Sanders

Henry Andrew Zimon, Baden, Pa.; B.S.
(United States Military Academy); M.A.;
Geography; Dr. George J. Demko

Certificate of Specialist in Educational Administration

Edward H. B. Erick, Fredericktown;
B.S.Ed. (Wittenberg University); M.A.;
Education

Master of Accounting

William Corby Carey, Rocky River;
B.A. (University of Notre Dame);
Accounting

Catherine Jane Moore, Columbus; B.S.
(Miami University); *Accounting*

Marcia Lee Parry, Mansfield; B.A.;
Accounting

Davidine Rinehart, Urbana; B.S.Ed.;
Accounting

Daniel Thomas Windnagle, Sandusky;
B.S.; M.B.A.; *Accounting*

Master of Applied Statistics

Rasimah Aripin; B.S. (Ohio University)
Statistics

Christine S. Bunck, Independence; B.S.
(Florida State University); M.S.;
Statistics

Keh-Jen Fang, Taipei, Taiwan; B.S.
(National Taiwan University); *Statistics*

Jeffrey Wayne Grimm, Austintown;
B.S.; *Statistics*

Francis Gerard Ogrinc, Bratenahl; B.S.
(John Carroll University); *Statistics*

Jayne Schnaars, Garden City, N. Y.;
B.A. (State University of New York at
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Steven H. Lutz, Nankin; B.S.;
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Jean Alison Anderson, Point Pleasant,
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Kristi S. Anderson, Columbus;
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English

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- Geneva Thompson Cornette, Columbus; B.S.; *Education*
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- Douglas Michael Post, Columbus; B.A.; *Physical Education*
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- Diane Elizabeth Prine, Sewickley, Pa.; B.A. (Denison University); *Physical Education*
- Rita Yeager Przybyla, Medina; B.A.; *Communication*
- Elizabeth J. Radigan, Richmond Heights; B.A. (Cleveland State University); *Economics*
- Lydan S. Range, Columbus; B.S. (Jackson State College); *Education*
- Darlene Wagner Rankin, Dublin; B.S.; *Education*
- Lisa Wilde Ratcliff, Newport, Tenn.; B.A. (University of Tennessee); *Education*
- Marsha Kunkel Reall, Mt. Gilead; B.A.; *Physical Education*
- Edward M. Reeve, Parma; B.S.; *Education*
- Joy Harriman Reilly, Columbus; B.A.; *Theatre*
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- Stephanie Anya Richardson, Akron; B.A. (University of Akron); *English*
- Susan C. Ripple, Delaware; B.S. (Bucknell University); *Education*
- Elmer A. Rodriguez, Worthington; Teacher (University of Chile); *Romance Languages and Literatures*
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- Patrick James Rushin, Norwalk; B.A. (University of Dayton); *English*
- Wilma Boring Sadrai-Nadja, McArthur; B.S.; *Education*
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- Beth Arlene Werstler Santell, Columbus; B.A. (Adrian College); *Education*
- William Thomas Saxon, Jr., Sylacauga, Ala.; B.M. (University of Alabama); *Music*
- Linda Stoe Scaggs, Mt. Sterling; B.S.; *Education*
- Janet Lou Scanlon, Pittsburgh, Pa.; B.S. (Pennsylvania State University); *Education*
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- Tracey Michele Stewart, Alvdornton; B.A.; *Education*
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 Nnah William Udosen, Edebon-I, Nigeria; B.A. (Ahmadu Bello University); Diploma (University of Leeds); *Art Education*
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Wei Young, Taipei, Taiwan; B.S. (National Tsing-Hua University); *Mathematics*

Ellen Wei-wen Yu, Taipei, Taiwan; B.S. (National Taiwan University); *Pharmacy*

Deborah Ann Zankofski, Parma Heights; B.S. (John Carroll University); *Mathematics*

Master of Social Work

Richard Alan Aleshire, Columbus; B.S.; *Social Work*

Harri Amurgis, Columbus; B.A.; (University of Pittsburgh); *Social Work*

Gloria Elaine Andrews, Cambridge; B.A. (Capital University); *Social Work*

Jon Douglas Bailey, Lancaster; B.A. (Indiana University); *Social Work*

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Linda Beal Blandly, Columbus; B.S.Soc.Wel.; *Social Work*

Kathleen Marie Boston, Richfield; B.A. (University of Akron); *Social Work*

Michael Albert Broidy, Columbus; B.S.Bus.Adm.; *Social Work*

Mark H. Buckingham, Albuquerque, N. Mex.; B.S. (University of Illinois); M.A.; *Social Work*

Linda Gatten Butler, Springfield; A.B. (Ohio University); *Social Work*

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Peter Jude Collier, Mt. Vernon, N. Y.; B.A.; *Social Work*

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Carol A. Forbeck; B.S.S.W. (Southern Illinois University); *Social Work*

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John H. Hamilton, Worthington; B.A.; *Social Work*

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Marna B. Jones, Columbus; B.A. (Indiana University); *Social Work*

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Sara K. Murphy, Delaware; B.S. (Bradley University); *Social Work*

Mark J. Neff, Dayton; B.A. (University of Notre Dame); M.A.; *Social Work*

Doris Thirsk Palm, Fairborn; B.S.; M.A.; *Social Work*

William P. Panning, Jewell; B.A.; *Social Work*

Patricia G. Paulus, Columbus; B.A. (Miami University); M.A.; *Social Work*

Joyce Deaton Petitjean, Dayton; B.A. (Wright State University); *Social Work*

Randi E. Pickens, Fairfield; B.S. (Florida State University); *Social Work*

David A. Rabkin, Carroll; A.B. (Ohio University); *Social Work*

Victor P. Rini, Cleveland; B.A. (Cleveland State University); *Social Work*

Carolyn Ann Robinson, Houston, Tex.; B.S.W. (Prairie View A & M University); M.A.; *Social Work*

Thomas Michael Roelant, Monroe, Mich.; B.S. (Eastern Michigan University); *Social Work*

Maureen Ann Rolnick, West Islip, N. Y.; B.A. (Eisenhower College); *Social Work*

Philip L. Rothman, Columbus; B.A.; *Social Work*

Harry Jay Salvage, Coshocton; B.S. (Bowling Green State University); *Social Work*

Judith Elaine Sargent; B.A. (Wright State University); *Social Work*

Claire Ann Sawaya, Mount Vernon; B.A. (Miami University); M.A.; *Social Work*

Karen Reynders Slater, Toledo; B.A. (University of Toledo); *Social Work*

Ellen May Smith, Rochester, N. Y.; B.S.Soc.Wel.; *Social Work*

Sherry Ann Smith, Urbana; B.A. (Urbana College); *Social Work*

Carol A. Smoot, Columbus; A.B. (Ohio University); *Social Work*

Ronnie Sonnenberg, Lattingtown; A.B. (University of Michigan); *Social Work*

Susan Jane Staker, West Hartford, Conn.; A.B. (Susquehanna University); *Social Work*

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Nettie Ruth Sturgeon, Columbus; B.S.; *Social Work*

William R. Swogger, Youngstown; A.B. (Youngstown State University); *Social Work*

Caron Lee Grimes Vernon, West Liberty; B.A. (Bluffton College); *Social Work*

Jeffrey Lee Vernon, West Liberty; B.A. (Bluffton College); *Social Work*

Joseph Francis Walsh, Springfield; B.A.; *Social Work*

Randall Allen Wasserstrom, Columbus; B.A.; *Social Work*

Sharon Ann Wiklinski, Columbus; B.S.; *Social Work*

Margaret Denise Williams, Fayetteville, N.C.; B.A. (North Carolina Central University); M.A.; *Social Work*

Edward J. Wojniak, Jr., Columbus; B.A. (Cleveland State University); *Social Work*

Barbara A. Wolfangel, Xenia; B.A. (Wittenberg University); *Social Work*

Mary Caralanel Wright, Barnwell, S.C.; B.A. (Benedict College); *Social Work*

Patricia Ann Wyszynski, Akron; B.A. (University of Akron); *Social Work*

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College of the Arts

College of Biological Sciences

College of Humanities

College of Mathematical and Physical Sciences

College of Social and Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

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Marian Louise Beck, Columbus
David Randolph Brown, Cincinnati
Catherine Ann Lentz Butta, Columbus
Kathryn Ellen Carter, Hilliard

Ruth Lynne Cliburn, Pittsburgh, Pa.
Julia Lee Cook, Grove City
Bryon Martin Courter, Logan
Mary Ann Creamer, Virginia Beach, Va.
Roy Franklin Croner, II, Westerville
Lisa Monique Dimon, Lima
Gary Dean Garrison, Kettering
Robert Lawrence Goodman, Shaker Heights
Ianne M. Graham, Hartford, Conn.
Sara Harte Grover, Pennington, N. J.
Dale Fredrick Hachten, Marion
David Lowell Kandel, Canton
Lucretia Ann Elizabeth Knapp, St. Clairsville
Thomas Howard Kochheiser, Mansfield
Michael Lynn Mahaley, Dayton
Kevin Robert McGee, Columbus
Silas Montgomery, Westerville
Stephen Edward Morton, North White Plains, N. Y.
Janet White Nickerson, Columbus
Brian L. Noon, Ridgewood, N. J.
Karen Denise Oelberg, Columbus
R. Lee Oldfield, Worthington
Thomas Peter Olsson, Columbus
Dane Quincy Robinson, Columbus
Jeffrey Wayne Ross, Portsmouth, Va.
Stephen Wesley Ross, Colonial Heights, Va.
R. Anthony Stowers, Mableton, Ga.
Beverly Ohde Wolfe, Columbus

Bachelor of Fine Arts

Becky Lynn Abell, Medina
Richard Arnold Alexander, II, Columbus
Pattie Lee Anderson, Washington C. H.
Christine Diane Benner, State College, Pennsylvania
Susanne Faye Chakan, Columbus
Elizabeth Frances Clowery, Columbus
Karin Ann Coyne, State College, Pennsylvania
Diane Louise Crandall, Creve Coeur, Mo.
Lisa Foster Curwin, Cincinnati
Jeffrey William Evans, Findlay
Donna Lynne Faison, Highland Park, Mich.
Pamela Sue Feldman, Toledo
Carl Joseph Fielden, Jr., Bay Village
Thomas Nelson Fletcher, Columbus
Carol Lyn Gahagan, Columbus
Linda Carolina Gentile, Alliance
John David Giss, Clinton, Ia.
Shelley Diane Green, Columbus
Anne Marie Greene, Columbus
Kathleen Ann Grove, Powell
Leonard D. Healy, Lima
Katherine Marie Hudina, Cleveland
Laeli Jean Keeler, Marion
Robin Lynn Klingensmith, Columbus
Maria Anne Lakis, Allentown, Pa.
JoAnn Lambros, Fairview Park
Leslie Ann Landau, Litchfield, Conn.
Deborah Ruth Ledvina, Berea
Theresa Marie Leochinger, Dayton
Sabrina Maranda Long, Washington, Pa.
Theresa Marie Maloney, Columbus
Jeffrey Brian Maples, Middletown, N. J.
Pamela Ann Miller, Cincinnati
Cora Bryan Newell, Jeffersonville
Kathryn Arnold Paxton, Oberlin
Nicholas Everett Saunders, Columbus
Samuel Lawrence Savage, Columbus
Elizabeth Ann Sayre, Marion
Michael A. Spino, Columbus
Gregory Michael Storer, Cincinnati
Joan Christine Valenti, Newark
Mark Douglas Van Arsdale, Bryan
David Lee Walker, Gahanna
Constance Lynn Webb, Columbus
Mary Diane Winegardner, Columbus
Marion Leroy Zaugg, Mansfield

Bachelor of Music

Laura Anne Ahlbeck, Worthington
Richard Burke Blocher, Worthington
Jack Forrest Boss, III, North Olmsted
Jody Claire Brattain, Columbus
Jack Lee Carter, Tipp City
Michael Eldon Dellinger, Columbus
Jennifer Marie Eling, Cincinnati
Jill Eilene Fisher, Columbus
Susan Jane Garrison, Columbus
Stephen Duncan Grugin, Lexington, Ky.
Nancy Lee Hanna, Pittsburgh, Pa.
Wesley Alan Henry, Newark
Amy Rebecca Laurence, Dublin
Stephen Kyle Long, Columbus
B.A. (DePauw University)
Donald Ray Nichols, Ashville
Kimothy Curtis Pensyl, Columbus
Jany Lou Sabins, Urbana
Barbara Gail Stadelman, Lexington, Ky.

Bachelor of Science in Audio Recording

Terry Lynn Douds, Columbus
James Andrew Rosebrook, Pandora

Bachelor of Science in Industrial Design

Nancy Lou Ansinelli, Columbus
Bruce Harry Armenante, Wyckoff, N. J.
Steven J. Beno, Columbus
Melinda Susan Bensman, Versailles
Darrrell Keith Berg, Milan
Richard Lyle Borders, Columbus
John Calvin Casteel, Port Washington
Daniel Joseph Clements, III, Columbus
B.A. (University of Notre Dame)
Robin Lorraine Dorsey, West Chester
Edward Ray Dowling, Minerva
Ann Marie Duis, Columbus
Mary Susan Farrell, Gahanna
Sheily Y. Feuer, Beachwood
Kimberly Marie Herrmann, Grand Rapids, Mich.
Catherine Anne Higdon, Delaware
Norbert Eric Holzwarth, Mansfield
Roderick James Johnson, Mentor
Marsha Jeanne Keith, Kent
Richard Avey Lee, Novelty
B.A.
James Brian Lehman, Lexington
Melissa Jane Lewis, Calumet, Mich.
William Charles Lindeman, Englewood
Walter Glenn Lockard, Ashtabula
Robert Norman Nelson, Kettering
Kenneth Robert Perker, Richmond Heights
Joyasree Ray-Chaudhuri, Worthington
Marcel M. R. Regensburg, Columbus
Earl F. Robinson, Hamilton
Mindy Rae Rosenfield, Pittsburgh, Pa.
Barbara Lee Rush, Avella, Pa.
Jana Larabee Smith, Mansfield
Stephen Wyatt Smith, Wilmington, Del.
Kathy Ellen Stern, Columbus
Julie Patricia Stets, Columbus
Dwayne Murray Swormstedt, Dayton
Jay Rory Thompson, Youngstown
Linda Ka Wai To, Hong Kong
Christian Noel Yost, Solon

1 Also Bachelor of Science in Education, College of Education
2 Also Doctor of Dental Surgery, College of Dentistry
3 Also Bachelor of Music Education, College of Education

College of Biological Sciences

Dean: Patrick R. Dugan

Bachelor of Arts

'Paul Robert Barnes, Newark
Michael Scott Beeson, Maineville
'Donald William Begezda, Youngstown
'John Watson Berridge, Columbus
'John Randall Crawford, Alliance
Scott A. Gary, Bridgeport
James Daniel Haldeman, Broadview Heights
'Jeffrey Scott Keeny, Columbus
Mark M. Lima, Worthington
Richard Patrick Milligan, Marion
'Carl Augustine Minning, Jr., Batavia
Thomas Edward Quinn, Columbus
Patrick Leo Roddy, II, Galena
James Patrick Ryba, Broadview Heights
Amy Frances Saunders, Columbus
Abraham Joseph Tobia, Lakewood
'Jim Van Jura, Columbus
George Vukmir, Columbus
'Jeff Thomas Warner, Wadsworth
John W. Winzenread, Columbus

Bachelor of Science

Thomas Massimo Abruzzi, Warren
'Sherri L. Agosta, Lancaster
Sam Abraham Albig, Columbus
Solon Alexiou, Akron
Stephanie Lolita Anderson, Miami, Fla.
William Charles Anderson, Ashland
Thomas Martin Andrews, Newbury
David William Armbruster, Waverly
David Sherman Armstrong, Stow
Carey R. Aron, Youngstown
Gregory Christian Azollin, Sagamore Hills
Michael Charles Baehr, Bucyrus
Keith Andrew Baker, Wooster
Robert Bruce Banchevsky, Columbus
Jeffrey Sumner Baxter, Van Wert
Thomas H. Belhorn, Lancaster
David Charles Bevan, Columbus
John Keith Bidwell, Dayton
Gary Robert Blumberg, Lorain
Susana Ackerman Bogler, Columbus
William Connell Bolin, Jr., Columbus
Andrew Charles Bott, Columbus
Deborah Lynne Bradt, Herkimer, N. Y.
Christopher R. Brickman, Mansfield
James Dominic Brue, South Charleston
Walter C. Buchsieb, II, Centerville
Steve Butts, Grove City
Timothy P. Cadden, Canton
Maureen Loretta Callahan, Ballston Lake, N. Y.
Scott Cameron, Gallipolis
J. Andrew Chance, Miamisburg
Joseph Franklin Chatfield, Jr., Ironton
Gene F. Clyde, Harrison
Michael Emmitt Collier, Pickerington
Robert Colosimo, Columbus
Michael Alan Cooper, Toledo
Gregory Sean Cousino, Columbus
David W. Crandall, Xenia
Mark David Cross, Mogadore
Denise Ann Dale, Sunbury
Dennis Lee Deavers, New Straitsville
Thomas David Decatur, Columbus
Daniel Louis Decker, Hamilton
Robert J. Dehler, Columbus
Robert Michael DePalma, Columbus
Joy Maria DiFederico, Steubenville
Kathleen M. Dillon, Fostoria

Robert Alan Diwgosh, Youngstown
Craig Alan Dobson, Lyndhurst
Robert M. Dorazio, Stow
Thomas Edward Earley, Minster
Philip Elmo, Youngstown
Gustav A. Eppinger, III,
Scotch Plains, N. J.
'Juanita B. Everly, Bellville
Brian Norman Feeney, Bryan
John Nicholas Figel, Mingo Junction
Julie Ann Fisher, Belle Center
Beverly Jean Fletcher, Bloomingdale
James Randall Franklin, Peebles
Kevin Gannon, Massillon
Emma E. Garcia, Oxon Hill, Md.
Raymond John Gardner, Akron
Albert Gesenhues, Louisville
John Brian Gifford, Cincinnati
Martha Jane Goleman, Columbus
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Theresa Christine Gordon, Columbus
Christopher Howard Gould, Creve Coeur, Mo.
Gary Wayne Grote, Cincinnati
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Edward C. Herman, Whitehall
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Ralph N. Iversen, Rockaway, N. J.
Susan Ruth Jarvie, Hollywood, Fla.
Jay Alan Jefferson, Portsmouth
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Chris William Johnson, Mentor
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Karen A. Kosar, Media, Pa.
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Anne Dunnam Littleton, Columbus
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James Robert Male, III, Wintersville
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Jeffrey Robert Naymich, Youngstown
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Raymond John Nicol, Columbus
Kenneth M. Noll, North Ridgeville
Elizabeth A. Odenweller, Delphos
Lauren Beth Oprenck, North Olmsted
Beryl J. Packer, Columbus
Charles R. Palmer, Columbus
Frank R. Palmieri, Columbus
Robert Wayne Payne, Cincinnati
Frederick W. Perrino, Cincinnati
Harold Mark Pinsky, Toledo
Robert Edwin Porter, Jr., Cuyahoga Falls
Gerald Scott Pratt, Middletown
William F. Punch, III, Westchester
Richard Edward Ranchoff, Fairview Park
Patrick Alan Raymond, Uniontown
Lisa Swanson Reaves, Columbus
Ann Marie Richards, Brunswick
Christopher Alan Roberts, Upper Arlington

Bradford William Roesch, Pickerington
Steven B. Rogers, Tallmadge
Lori Pamela Rudin, Lyndhurst
Rebecca Ann Runyan, Kettering
Mary Ellen Rusnov, Brecksville
Riley London Salmons, Columbus
Eberhard Roy Samlowski, Columbus
Martha Jane Schaad, Columbus
Janice Elaine Schinder, Kent
Karl Schneider, Worthington
Kirk Lee Schoenman, Mansfield
Kimberly Anne Seipel, Waterville
Jeffrey Silberman, Pepper Pike
Thomas Clelio Silvestrini, II, Tiffin
Todd Dale Slater, Russells Point
Thomas Sorkin, Columbus
Yeresa Lynn Spear, Marion
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Peter Mitchell Steinberg, Toledo
James Alan Stephens, Enon
Larry Albert Stern, Marion
Harold John Steyns, Columbus
Jeffrey Stephen Sudimack, Warren
Steven Edward Stames, Columbus
David G. Szana, Columbus
Becky Gayle Tanamachi, Fairborn
Monica Thiele Siegel, Caracas, Venezuela
Kathryn Mary Thraill, Toledo
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Laurel Lynn Wagner, Wadsworth
Scott Allan Watkins, Marion
'James Russell Welland, Fairfield
Roy G. Werner, Walton Hills
Linda Jeannette Wolfe, Columbus
Cheryl Rae Worcester, Norwalk
Joseph John Yohn, Columbus
Lynn A. Yut, Canton
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College of Humanities

Dean: Diether H. Haenicke

Bachelor of Arts

Janet Reta Alder, Columbus
Sharon Louise Anderson, Cincinnati
Anita D. Angel-Robinson, Columbus
Christopher York Armitage, Attica
Sue Ann Averill, Columbus
David William Bailey, Lancaster
Judith M. Ball, Steubenville
William James Bangert, Columbus
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'Rebecca Lynn Basinger, Mansfield
Cynthia Jo Bertino, Columbus
Michael Bibby, Columbus
William Hanna Boger, III, Parkersburg, W. Va.
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Amy Catherine Bricker, Shelby
Margaret L. Broomfield, Cincinnati
Nicholas Bull, Columbus
Patricia A. Ceh, Amherst
Michael Francis Coady, Columbus
Bruce A. Collins, Bellefontaine

- 1 Also Doctor of Dental Surgery, College of Dentistry
- 2 Also Doctor of Medicine, College of Medicine
- 3 Certificate of Graduate Dental Hygienist, College of Dentistry

Monette Wynn Cope, Englewood
 *Cynthia A. Craig, Cincinnati
 William Henry Crawford, II, Flint, Mich.
 Blake Davis, South Orange, N. J.
 Jeffrey Alan Davis, Pickerington
 Darrah Mary Desmond, Toledo
 Ellen Jones Doebble, Columbus
 John Curtis Dowling, Worthington
 David M. Eadie, Columbus
 Sonia El-Oraby, Mansfield
 Jeffrey Richard Evans, Newark
 Kathleen Marie Farwick, Mason
 Terry Lee Ford, Lima
 Tamila Lynn Franklin, Peebles
 Elizabeth Ruth Franks, Columbus
 James Michael Friedland, Akron
 Lynne Shelley Frye, Columbus
 James E. Gantz, Jr., Canton
 Richard K. Gast, Columbus
 Franklin Jon Gencur, Amhurst
 Judy Lynne Gerber, Oberlin
 Laura Marie Goehring, Kettering
 Louise Alan Goodman, Warren
 Harold Akia Gore, Columbus
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 Anne Louise Hammerstein, Columbus
 Jocelyn A. Hammond, Columbus
 James Roy Hampton, Columbus
 Madeleine Elise Hare, Columbus
 Robert M. Harrington, Worthington
 Joe Kevin Hash, Columbus
 Denise Ann Heiman, Walton Hills
 Lisa Kay Hord, Bucyrus
 Deborah Ann Hubbard, Cleveland
 Mark A. Hutson, Columbiana
 Leslie Anne Johnson, Worthington
 Keith C. Jordan, Somerset, N. J.
 Miguel Jorge, Jr., Columbus
 Robin Sue Kamit, Trotwood
 James R. Kehn, Pickerington
 William J. Kenney, Columbus
 Michael Lee Kirk, Heath
 Samuel Robert Kragalott, Massillon
 Timothy Jackson Laurence, Columbus
 Shirley E. Lauster, Richfield
 Geoffrey Eli Lieberman, Dayton
 David John Linesch, Dayton
 Alan Joel Lowenthal, Norfolk, Va.
 Kathleen Mandalinich, Brooklyn
 Richard Joseph Manley, Columbus
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 Natasha Domicile Maragus, Millinocket, Me.
 Robert Michael Marcinowski, Dover, Mass.
 *Mary Ann McGee, Lancaster
 Colleen J. McGuckin, Columbus
 Martin McHenry, Cincinnati
 William James McIntyre, Columbus
 Paul William McLoughlin, Columbus
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 *Janet Lee Meyer, Dayton
 David H. Michel, Columbus
 Valerie Anne Miles, Mansfield
 Barbara Anne Miller, Columbus
 Karen Marie Nohle, Reynoldsburg
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 Nancy E. Petrisko, Rocky River
 Jane M. Plisga, Garfield Heights
 Gail Elizabeth Brown Ponomarev, Columbus
 Larissa Popel, Columbus
 Gaye Lynette Purdy, Sylva
 George William Quillin, Columbus
 Dennis John Rice, Columbus
 Theodore William Rice, Columbus
 Robert Stern Riosky, Columbus
 Anne Maria Romano, Lancaster
 Jane Leslie Romeo, Galloway
 Gary Phillip Rosen, Columbus
 Doris Jayn Roush, Columbus
 Melinda L. Sales, Madeira
 Angela T. Schmidt, Powell
 Patricia Schmitt, Columbus
 Frank William Seay, Jr., Columbus
 Gale Ellen Shaffer, Columbus
 Carol Lynn Skitimas, Sylvania
 Candy Marie Sleeper, Mt. Vernon
 Robert Nelson Smith, Columbus
 Cynthia Lou Sprouse, Columbus

*Patricia Amburgey Stone, Columbus
 James Stoshak, Warren
 Daniel P. Sullivan, Wellington
 Roseanne Kennedy Sullivan, Columbus
 Daniel Richard Swetnam, Columbus
 Lorraine Adair Symbolik, Marysville
 Deborah A. Tabacco, Warren
 James A. Thompson, Columbus
 Judith Lieber Tokel, Columbus
 May Lee Tom, Columbus
 Chaya Torn, University Heights
 Maria Julia Tromposch, Cleveland
 Philip A. Varrasso, Newark
 Alan Kendal Veatch, Columbus
 George C. Vertikoff, Columbus
 Patricia Bosler Walker, Columbus
 Sharon E. Williams, Mansfield
 Gisele Williamson, Youngstown
 *Linda Marie Wisler, Marion
 Pamela Sue Worner, Centerville
 David Scott Wright, Springfield

College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Stephen John Baker, Columbus
 Douglas Craig Collier, Springfield, Va.
 David Jonathan Fitz, Worthington
 Jordon Edward Harriman, Jewett
 Carol J. Resatka, Warren
 David Allen Ruedrich, Dayton
 Richard King Rupert, Jr., Lima

Bachelor of Science

Brian Scott Armitage, Cornwall, N. Y.
 William F. Bartelt, III, Clyde
 Aldis I. Berrins, Kennett Square, Pa.
 Michael Damian Blanchet, Cincinnati
 Terrence Alan Brown, Columbus
 Hollie Maureen Bryson, North Canton
 William Jerome Burger, Jr., Catskill, N. Y.
 Keith Hughes Carlton, Columbus
 Glenn Thomas Carroll, Brookfield
 Charles Peter Castensen, Martin
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 Doreen Phyllis Close, Columbus
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 Kerry Bryan Crosthwaite, West Chester
 Jeffrey T. deRoche, Columbus
 Erin Maureen Dixon, Warren
 Susan Barbara Downs, AFO, N. Y.
 David Wayne Driver, Toledo
 Robert Arthur Endres, Fairfield
 Daniel R. English, Findlay
 Robert Wayne Fair, Sabina
 Joseph P. Falk, Columbus
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 William Lyle Goleman, Columbus
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 Stephen John Grygier, Marion
 Douglas Lee Gurney, Attica
 Daniel Robert Harrison, Fostoria
 Craig L. Joseph, Canton
 David F. Jutte, Fort Recovery
 Mark A. Kleffner, Columbus
 Jenny Lynn Klein, Worthington
 Marina Kuznetsov, Columbus
 Pamela Sue Lane, Columbus
 Timothy J. Lavey, Seven Hills
 William James Leeper, Dennison
 Charles Robert Leidner, Canton

David Lynn Leu, West Unity
 Martin D. Levitin, Columbus
 Luis Llorens, Columbus
 Carolyn L. Lohr, London
 Michael Thomas McNeely, Cleveland
 David Kent Miyashiro, Columbus
 Robert D. Murphy, Columbus
 David A. Newman, East Islip, N. Y.
 David George Nohle, Reynoldsburg
 Mark Philip Ort, Columbus
 Paula Kay Parero, Heath
 Diane Marie Patrick, Cuyahoga Falls
 David William Patzwahl, North Olmsted
 Allen Ringel, South Euclid
 Robert Scott Rose, Amherst
 Peter James Sawczuk, Farmdale
 Lawrence Byron Shaefer, Fairlawn
 Mark Timothy Skidmore, Springfield
 Michael Edward Slomke, Huntington, W. Va.
 Kevin Robert Smith, Columbus
 Steven Guy Sorrentino, Whippany, N. J.
 Cheikh Tidiane Sow, Senegal, West Africa
 Albert E. Stiegman, Jr., Columbus
 Debbie Ann Taylor, Columbus
 Laura Jean Thomas, Middleburg Heights
 Gary L. Thompson, Columbus
 Randy Eugene Tillis, Chillicothe
 Steven W. Trachsel, Columbus
 Susan Virginia Updegrave, Terrace Park
 Paul Adrian Van Dyke, Lima
 Julia A. Wampler, Columbus
 Karen Sue Wilson, Columbus
 Mark Dennis Wolf, Columbus
 Alice Diana Wolfe, Worthington
 Geoffrey L. Wyant, Delaware
 Mark J. Wyatt, Groveport
 Gary Steven Yek, Broadview Heights
 *Douglas P. Yurovich, Lorain

College of Social and Behavioral Sciences

Dean: S. Earl Brown

Bachelor of Arts

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 John Richard Allred, Columbus
 Todd Daniel Alt, Columbus
 *Lorraine Ann Altemus, Columbus
 Alyssa Beth Ames, Thiensville, Wis.
 Michael Joseph Assad, Seven Hills
 Deborah Anne Atkins, Columbus
 Nan Shawen Baer, Worthington
 Bruce Owen Bargdill, Alliance
 Carla Jo Barnes, Mansfield
 *Dana Sue Barnick, Grove City
 Jeanne Ellen Barne, Parma
 Mark Edward Barsman, Cincinnati
 *Marilyn Bart, Wooster
 Ralph A. Bauer, Columbus
 Carolyn Suzanne Bay, Burlington, N. J.
 Pamela Gallagher Beatty, Columbus
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 Holly René Bell, Cuyahoga Falls
 Jeffrey Allen Berndt, Youngstown
 Kathy Lynn Bird, Columbus
 Carolyn Bishop, Toledo
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1 Also Certificate of Graduate Dental Hygienist, College of Dentistry

2 Also Bachelor of Science in Education, College of Education

James Patrick Botti, Columbus
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Diane Marie Fahrenback, Columbus
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Randolph Stephen Fine, Beachwood
L. F. Fine, Lima
Gerald Ross Fio, Johns
Virginia Ruth Forsyth, Columbus
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Robert Eugene Lipetz, Columbus
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Nathan Neill McCarty, Northampton, Mass.
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Blair Frank McGee, Columbus
Jane Ann McGarry, Dayton
Mary H. McGavick, Columbus
Monica Rachael McGhee, Columbus
Guadalupe Tovar Melchor, Hamler
Tammy Jean Merrick, Pickerington
Brenda Mae Miller, Columbus
Dani Dean Miller, Columbus
Deborah Irene Miller, Columbus
Lois Beth Miller, Novelty
Steven Martin Miller, Mansfield
Terri Lee Milner, Cincinnati

Alfreda Minor, Cincinnati
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Michael Conaway Mooney, New Lexington
Beth Ann Moore, Willoughby
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Deborah Lynn O'Connell, Dayton
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James Bernard Peck, Cincinnati
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Lynan Popio, Poland
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Thomas Joseph Prunte, Columbus
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Stephen Michael Puskac, Columbus
Bruce Dean Radloff, Springfield
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Sheila Kay Reichart, Cincinnati
Vicki Lisbeth Reiner, Gahanna
Barbara Bixby Remlinger, Columbus
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Michael J. Riley, Columbus
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Philip Reed Roblee, Columbus
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Denise M. Roman, Dayton
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Mark Joseph Rossi, Westerville
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Randolph Arthur Rudowicz, Cincinnati
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Ajao Olayinka Salu, Lagos, Nigeria
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Barbara Elaine Schneider, Circleville
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Catherine Jeanne Schupp, Kirtland
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Sheldon David Schwartz, Erie, Pa.
Karen Seelbach, Columbus
Charles Arthur Self, Cincinnati
Dan Shaban, Mansfield
Harmon Loeb Shackelford, Bexley
Douglas Frank Shaffer, Columbus
Richard Walter Shashanian,
Cleveland Heights
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Laurence E. Sheeley, Upper Sandusky
Celeste Shine, Kettering
Judith Ann Shine, Eaneson, N. J.
Cynthia Shockey, Redlands, Calif.

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2 Also Master of Arts, Graduate School

3 Also Bachelor of Science in Education, College of
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 Robert Nelson Snyder, Columbus
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 Patricia Jane Solomon, Bay Village
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 Stephen Tower Swartz, Lakeland, Fla.
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 Mark Allen Tanenbaum, Bexley
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 George Gregory Thomas, Jr., Zanesville
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 Celia Harris Tuttle, Columbus
 Lisa Ann Vandament, Columbus
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 Renée Denise Wade, Cleveland
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 Ronald Alan Wallace, Olmsted Falls
 Kathleen Anne Walston, Marion
 Deborah Ann Wappner, Springfield
 Marilyn J. Ward, Columbus
 Vicki Lynn Ward, Cleveland
 Tamara Wampler, Amherst
 Kristin S. Warren, Columbus
 William Michael Webb, Columbus
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 Max S. Wetzel, Columbus
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 Connie Marie Wynne, Toledo
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Bachelor of Science

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 Andria Jill Katz, Beachwood
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 Pope Air Force Base, N. C.
 Carol J. Lewis, Tipp City
 Sara Katherine Lindsley, Rocky River
 Theresa A. Lommerse, Genoa
 A. Mark Macias, Columbus
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 Mark Kenneth McCoy, Somerset
 Robert Brown McGhee, Jr., Columbus
 Lonnie V. McLaughlin, Columbus
 Timothy Jay McNeish, Zanesville
 David C. McNutt, Columbus
 Nicholas Dean Miller, Montpelier
 Colette Marie Murray, North Olmsted
 Kathryn Sue Mutzig, Wilmington, Del.
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 Johann Nicholas Prewett, Circleville
 Christine Irene Prute, Columbus
 Michael Clark Purdum, Columbus
 Randall W. B. Purvis, Worthington
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 Cynthia S. Reagan, Hampton, N. H.
 David A. Richardson, Cambridge
 April Elizabeth Ronca, Miami, Fla.
 Bruce Duane Sampsel, Columbus
 Deborah Ann Stammen, Toledo
 Brian Marc Stern, Chagrin Falls
 Brian Neil Taub, Akron
 Jan Ellen Thomen, Reynoldsburg
 Eugenia Earlene Williams, Youngstown
 Chris Elizabeth Wolf, Mansfield
 Richard L. Zachrich, Columbus

Bachelor of Arts in Journalism

Roger Allen Addleman, Elyria
 Jani Allison Aronow, Comack, N. Y.
 Rocco Anthony Baldasare, Wellsville
 Ellen Lee Belcher, Pickerington
 Debra Suzanne Bloom, Sylvania
 Kenneth Lytle Burnett, Cranford, N. J.
 Joseph E. Buti, Bellaire
 Peggy Anne Campbell, Gahanna
 John T. Daggitt, Dayton
 Julia Mary Gangwisch, Cincinnati
 David Samuel Ganzfried, Doraville, Ga.
 Michael Dane Gaskill, Columbus
 Mark Alan Giasper, Toledo
 Ruth Ann Goepfert, Rocky River
 Rebecca Sue Gray, Lisbon
 Cynthia Jo Haffner, Kettering
 Keith H. Hazelton, Dublin

Robert K. Hecker, Zanesville
 Sylvia Lore Hendel, Marysville
 Janet Marie Hillman, Findlay
 Kathleen Ann Hoopes, Cincinnati
 Patricia Eileen Howe, Dayton
 Joni Johns, Cincinnati
 Nancy Elaine Johnson, Newton Falls
 Gerald Leo Kappa, Fairview Park
 Jay Blakesley Killin, Mamaroneck, N. Y.
 Barry Lee Krueger, Allison Park, Pa.
 Susan Kay Laughlin, Fort Wayne, Ind.
 Mary Helen Lawrence, Marion
 Toni-Jean Ledbetter, Maury
 Karen Renee Lewis, Roanoke Rapids, N. C.
 Victoria Lynn Locke, Canton
 Bridget Lea Mahoney, Youngstown
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 Chari Lynn McFadden, Sabina
 Gregory A. McGuder, Toledo
 James Eugene McKeever, Syracuse, N. Y.
 Cynthia Ann Mendicino, Columbus
 Kathryn Marie Meyers, Westlake
 Stephen Baird Minich, Coral Gables, Fla.
 Dale Alan Moss, Wadsworth
 Shannon Lynn Noonan, Hebron
 Deborah Ann Novinec, Parma Heights
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 Mark William Placenti, Columbus
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 Robin Michelle Reese, Columbus
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 Duncan Jay Rose, Montpelier, Va.
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 North Haven, Conn.
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 Ft. Lauderdale, Fla.
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 Patrick G. Wascovich, Parma Heights
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 Paul R. Wilson, Jr., Mansfield
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College of Administrative Science

Dean: Edward H. Bowman

Bachelor of Science in Business Administration

Carl Michael Abdalian, Shaker Heights
 Peter Alexander Abreo, Columbus
 Constance Sue Acheson, Lexington
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1 Also Certificate of Graduate Dental Hygienist, College of Dentistry

2 Also Bachelor of Science in Education, College of Education

Joyce Ann Dempsey Albaugh, Columbus
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 New Canaan, N. Y.
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 Megan Bridget Hanley, Heath
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 Timothy David Hildebrand, Newark
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 Anita Elaine Hoard, Dayton
 David Earl Holland, Columbus
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 Randy Allen Honaker, Plain City
 Dirk Lawson Horst, Mansfield
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 Jacqueline Sue Hyton, Columbus
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 Frederick Merlin Jacob, Marysville
 Jodine Jacob, Yorkville
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 Jim Bryon Jerew, Marion
 Phyllis Marie John, Brunswick
 Devoe Ellington Johnson, Canton
 Drew Sherlock Johnson, Cincinnati
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 Douglas Michael Jones, Columbus
 Gregory William Jones, Middleburg Heights
 Diane Lynne Joseph, Cleveland
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 Keith David Kannapel, Columbus
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 Michael D. Kases, Canton
 John Freeman Kelly, Columbus
 James Blakeley Kennedy, Bexley
 Eriks Valdis Kildias, South Haven, Mich.
 Jennifer Lynn Kimball, Columbus
 Thomas Nelson Kin, Tiffin
 Thomas Gregory Kirwin, Falls Church, Va.
 Bradley Neal Kirwin, Becksville
 John Sheppard Kobacker, Toledo
 Larry James Kobel, Coshocton
 Neil Bruce Kornswiet, South Euclid
 Thomas James Krawczyk, Parma
 Laurie Ellen Krent, Cleveland
 James Arthur Krumwiede, Elyria
 Kenneth Lee Kuhlman, Toledo
 Lawrence Brad Kutash, Beachwood
 Alan Joseph Lacko, Parma
 James Francis Laird, Worthington
 Norman Thomas Lane, Plain City
 Leonard Nathan Lapidus, Beachwood
 Patricia Anne Lather, Westerville
 Catherine Wai Yin Law,
 Kowloon, Hong Kong
 Debbie Lynn Leach, Rossburg
 Richard Alan Lazar, Cleveland
 Sally F. Leggett, Columbus
 Carolyn Harper Leigh, Maple Heights
 Kim Lewis, Rochester, N. Y.
 Dennis Alan Linden, Shaker Heights
 Patricia Suzanne Lindley, Worthington
 Paul Wilson Linn, Columbus
 Cy Mark Lipai, Bay Village
 Brian Keith Lohmuller, Centerville
 Roger Brian Long, Avon Lake
 Sue Ann Long, Chagrin Falls
 Linda Marie Lucarelli, Youngstown
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 Michael Tunnar Lueh, Hebron
 Peter Donald Mackay, Columbus
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 Floyd Paul Maggi, Columbus
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 John Timothy Mahlie, Wintersville
 Douglas Clement Malcolm,
 Ft. Lauderdale, Fla.
 Peter George Margolis, Columbus
 Karen Lynn March, University Heights
 Mary Ellen Mascio, Stow
 David William Mattinson, South Solon
 David Carl McAlister, Alliance

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 Frederick Allison McBride, Cambridge
 Donald W. McCaskey, Columbus
 Mary Ann McEnery, Columbus
 Douglas Charles McHugh, Solon
 Edward Marlon McIntire, Newark
 John Clifton McKeown, Wichita, Kans.
 Tracy Brian McManamon, Rocky River
 James L. McMillan, Westerville
 Philip Andrew McPherson, Baltic
 Mollie Ann McSherry, Dayton
 Joanie Renee Mead, Columbus
 Charles Winston Meadows, Columbus
 Charles Curtis Meienberg, Pittsburgh, Pa.
 Elizabeth Theresa Meister, Columbus
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 Peter Charles Meyer, Lima
 Russell J. Meyer, Botkins
 Clay P. Meyers, Rockville Centre, N. Y.
 Brian Ray Miller, Springfield
 Carol Regina Miller, Newark
 Dana Allyn Miller, Alliance
 Kris Miller, Marie Stearns
 Richard Scott Miller, Mansfield
 Robert Carl Miller, North Olmsted
 Terry P. Miller, Poland
 Terry Robert Miller, Ft. Jennings
 William Leonard Miller, Sandusky
 John Thomas Mitchell, Eaton
 Robert Cameron Montague, Cincinnati
 Kathleen M. Monter, Parma Heights
 Jeffery Lynn Moore, Reading
 Mary Ann Moravick, St. Clairsville
 Angela Louise Morris, Wyoming
 Kevin Jack Morris, Sunbury
 Leslie Susan Mundew, Columbus
 Mark P. Munto, Fairborn
 Robert William Mural, Parma
 Maureen Renee Murman, Lakewood
 Thomas Joseph Murphy, Marion
 Martin C. Murrer, Rochester, N. Y.
 David Richard Musacchia, Westlake
 James Alan Musgrove, Gallipolis
 Robert Benton Myser, Marengo
 Peter Karl Nagy, Martin
 Manouchehr Namvar, Tehran, Iran
 Frank Thomas Nance, Niles
 Lynn Adrienne Neeley, North Olmsted
 Marlin Henry Neighbor, Coshocton
 Stanley Jay Nerderman, St. Henry
 Jacelyn Marie Neu, Lima
 David John Neuhardt, Westerville
 Marcy Lynn Newman, Shaker Heights
 Jacqui Lynn Notman, Massillon
 Mara Lynne O'Brien, Columbus
 James Edward Oddi, Columbus
 Joseph F. Oelgoetz, III, Worthington
 Norris Lealand Ogg, Jr., Worthington
 Steven Clark Ogilbee, Newark
 Michael Brian Olinger, Coshocton
 David William Oltman, Columbus
 Cheryl Lynn Ortmann, Upper Arlington
 Cynthia Ann Osburn, Delaware
 Donna Kaye Ostrander, Columbus
 Lynne Ovington, Charleston, W. Va.
 Barbara Ann Painter, Circleville
 Douglas M. Palm, Circleville
 Darcy John Parker, Jr., Greensburg
 David Anthony Pavelich, Belpre
 Teresa Renee Payne, Columbia, Md.
 Laura Marie Pekarek, Lakewood
 Andrea Elizabeth Peretz, Beachwood
 Toni Annette Pfarr, Columbus
 Geoffrey Alan Phillips, Wilmington
 Kevin Benjamin Platt, Lebanon
 Gary William Pickett, Columbus
 David Allan Pimsner, Westlake
 Gary Jay Pollack, South Euclid
 Gwendolyn Jean Pollard, Columbus
 Mark Robert Poncin, Riverside, Calif.
 Richard Gregory Porter, Columbus
 Thomas Edward Postal, Cincinnati
 Kirk Alan Pottinger, Columbus
 James Alfred Prenger, Minster
 Timothy H. Proud, Cincinnati
 Thomas Walter Przybyla, Medina
 Sara Jane Purcell, Columbus
 Bradley Stephen Rabal, Bellville
 Randall G. Rabold, Columbus
 Paul Francis Racher, Columbus
 Susan Mona Rackoff, Columbus
 Robert Louis Rainone, Lyndhurst
 Kevin Duane Rakestraw, Dayton
 Robert Bruce Ramsey, Powell
 Mark Allan Ray, Alliance
 Steven Craig Redd, Columbus
 Jon Norman Reed, Columbus
 Keith William Reeves, Brecksville
 Cynthia Mussman Reichard, Powell
 Robert William Reiner, Willoughby
 Lauren Lee Richardson, Amherst
 George Brian Rings, Montpelier
 John Christian Robertson, Lyndhurst
 Daniel Joseph Roderick, Lakewood
 Michael Brooke Rorapugh, Columbus
 William David Rosenbaum, Vermilion
 Cynthia Lynn Ross, Akron
 Richard Anthony Rosselet, Worthington
 Kevin Alan Rubin, Toledo
 John A. Rybak, Northfield
 Sidney Spencer Sawetz, Dayton
 Kathleen Denise Seavir, Akron
 James T. Savoca, Solon
 David Nelson Seave, Urbana
 Randy Alan Schaber, Mansfield
 Deborah Ann Scheiman, Dayton
 Martine Jane Scheuermann, Willoughby
 Michael Matthew Schmidt, Columbus
 David William Schmitt, Bridgeport, W. Va.
 Joanne F. Schmitz, Columbus
 Joseph Roy Schoenstein, Columbus
 Donald William Schrader, Belpre
 Michael Steven Schreiber, Celina
 Cynthia Ann Schroeder, Columbus
 Jill Sue Schumann, Geneva
 Hene Diane Schwartz, Pittsburgh, Pa.
 Robin Sue Schweibel, Williamsville, N. Y.
 Steven James Schwickert, Columbus
 Robert Louis Scott, Richmond Heights
 Alan R. Seffens, Logan
 Oliver Joseph Sever, Jr., Delphos
 Gary Robert Shafer, McComb
 David Alan Shanks, Columbus
 Brent Alan Sheffer, Canton
 Thomas Kevin Sherwin, Timberlake
 Joyce Arlene Shine, Rumson, N. J.
 Alvin Dean Shipman, Delta
 William J. Shopoff, Columbus
 Mary Lynn Shust, Grove City
 Scott Geoffrey Silk, Cleveland
 Kandy Lou Simmons, London
 Stephen M. Simon, Hubbard
 Carlton Yun Huang Siu, Honolulu, Hawaii
 Bradley Donald Smith, Cincinnati
 Jeffrey Alan Smith, Fairfax
 Dennis Paul Stark, Edgerton
 Robert Eugene Staton, Avon
 David G. Stearns, Columbus
 Kenneth Robert Steele, Shelby
 Todd A. Stein, Akron
 Rebecca Lora Stentz, Mansfield
 Mark Howard Stewart, Wooster
 Jon Lee Stillwell, Cincinnati
 Bert A. Stinebaugh, Springfield
 Stephen M. Stocklen, Circleville
 Marc Edward Stockwell, Bryan
 Richard J. Stojny, Milfin, Pa.
 Frederick Ralph Suckow, Pearsburg
 Mark John Summers, Newark
 David Michael Sutorius, Columbus
 Paula Marie Swider, Columbus
 Douglas Alan Swieterman, Springfield
 Evelyn Marie Swoboda, North Olmsted
 Bradley Joe Swonger, DeGraff
 Thomas Martin Szabo, Westerville
 Jonathan R. Tabor, Upper Arlington
 Mark Allan Tallman, Cincinnati
 Victor Allen Taylor, Ashtabula
 Gary Michael Terlecki, Campbell
 Richard Anthony Thiel, Hicksville
 Douglas Mark Thielman, Napoleon
 Eric Charles Thigulstad, Worthington
 Brian Rhys Thomas, Zanesville
 Jimmy Wayne Thomas, Ashland
 Tracy Martin Towne, Middleburg Heights
 Arthur Charles Townley, Wellsville
 Steven James Troup, North Canton
 Gary Lee Trucinski, New Philadelphia
 Merlene Kay Truesdale, Elida
 Alfred Bernard Tsen, Westerville
 Paul Joseph Tupa, Fairview Park
 Jack Eric Tuttle, Maumee
 Steven Eric Unger, Cleveland
 Linda M. Vallen, Youngstown
 Joseph Melvin Vallo, Minster
 Drew Ralph Vaneck, Fairview
 Kenneth Karel van Ooyen, Shelby
 Rex Ray Vermillion, Fairborn
 Lyle Wayne Vikre, Jr., Columbus
 Gay Lynn Vincent, Mt. Sterling
 William Wallace Vogelgesang, Madison
 Thomas Joseph Vuotto, Cincinnati
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 Stephen Paul Wallace, Van Wert
 Thomas Elmer Walser, Somerset
 Terry Lee Walter, New Philadelphia
 Peggy Ann Ward, Columbus
 Wendy Lu Ward, Mentor
 Gerry Lee Washington, Huntingdon, W. Va.
 Elizabeth Ann Watts, Bucyrus
 Catherine Louise Waugaman, Brunswick
 Kelly Elizabeth Weber, Dover
 Pamela Anne Weidner, Gahanna
 Steve Joseph Weisenstein, Columbus
 Patricia Sue Welch, Findlay
 Linda Bruce Welsh, Cincinnati
 Alan Winfield Whitman, Melville, N. Y.
 Carol Elaine Wickerham, Columbus
 Michael James Wiens, Columbus
 Daniel Scott Wigton, Marion
 Steven Douglas Wilcher, Winterville
 Jeffrey Watt Williams, Columbus
 Bruce Edward Wilson, Columbus
 Daniel L. Windle, Findlay
 Stephen Donnelly Wing, London
 Ellen Louise Winterland, Scottsdale, Ariz.
 David Alan Wise, Dayton
 Patricia Louise Wise, Gahanna
 Bruce Touby Witzky, Mansfield
 David Ray Wolfe, Zanesville
 Jesse Richard Wolfe, Jr., Pickerington
 M. Lynn Wolfe, Columbus
 Kenneth Allen Wright, Urbana
 Constantine Steve Yannis, Addison, Ill.
 John Webster Yark, Toledo
 Randall Paul Yausy, Bucyrus
 Kenneth Yee, Toledo
 Lawrence Scott Yellin, Fairlawn, N. J.
 Valerie Jane Yocas, Conneaut
 David Alan Young, Columbus
 Donald George Young, Logan
 Rolando Francisco Young, Republic of Panama
 James Joseph Yurasek, Columbus
 Mark Francis Zenni, Cincinnati
 George Joseph Zilich, Garfield Heights
 Linda Marie Zimmerman, Fairview Park
 Thomas Gordon Zimmerman, Cambridge
 James Madison Zinser, London
 Richard Francis Ziska, Jr., Columbus

Bachelor of Science in Labor and Human Resources

Mary G. Gagen, Southold, N. Y.
 Alan Robert Grossberger, Cleveland
 William Kenneth Knoke, Fremont
 David Craig Rowe, Richmond, Va.
 Beverly Kay Stalder, Miamisburg
 Christine K. Tibbitts, Marion
 James Alan Wilson, Richmond Heights

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Jeffrey Kenneth Adams, Middlebury, Vt.
 Rodney Ralph Adams, Huntsburg
 Franklin James Adkins, Vermilion
 Gretchen Elaine Alberts, Lebanon
 Douglas Lynn Albright, Dayton
 Douglas James Alderman, Cincinnati
 Brian David Alger, Mantua
 Virginia Louise Allending, Loudonville
 Daniel Thomas Anderson, Maumee
 Gregory Hull Averill, Columbus
 Janice Eileen Bacon, Seven Hills
 William Duane Baldwin, Columbus
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 Jeffrey Jay Barkemeyer, McKeesport, Pa.
 Beverly Lynn Barr, Hixson, Tenn.
 Myron John Bender, Fremont
 Howard Lee Black, Bellville
 Joseph Mark Blair, Chillicothe
 George R. Blind, Norton
 Jeffrey Eugene Blinn, Mechanicsburg
 Lisa Laudentia Bodo, Chesapeake
 Dennis Mark Bollenbacher, Rockford
 Donald Edwin Bradley, Bellefontaine
 Cheryl Anne Branibar, Sparta, N. J.
 Belinda Lee Brenahan, Powell
 Michael Keith Brock, Columbus
 John Robert Brooks, Alexandria
 Randal Norman Brue, Sylvania
 Michael Arthur Bumgarner, Mechanicsburg
 Dennis Martin Brian, Lancaster
 Frank George Bursell, Batavia
 John Franklin Burton, Akron
 Ralph E. Cable, Medway
 James Nelson Caldwell, Jr., New Richmond
 Anthony Bruce Campbell, Logan
 Gregory Lee Cantrell, Shreve
 Gregory Hugh Cappadona, Lewisville
 Jeffrey Chetti Cardozo, Willsboro, W. Va.
 James William Cartwright, Columbus
 John Melvin Cartwright, Salesville
 John Daniel Chappell, Columbus
 Robert Lee Christy, Reynoldsburg
 Connie Lou Coffman, Cridersville
 Margaret Dee Coffman, Columbus
 Cheryl Ruth Coltan, Columbus
 Steven Wayne Conley, Ada
 Cecilia Marie Connair, Kettering
 Cynthia Sue Correll, Columbus
 Lonnie Paul Coulter, Jr., Columbus
 Amanda Katherine Coyle, Oregon, Wis.
 Pamela Sue Coyle, Port Clinton
 Paul Stanley Coz, Ravenna
 James Spencer Currell, Crooksville
 Paul Herbert Daniels, Warren
 Denise Davidson Mills, Columbus
 John Merritt Davis, Columbus

John Michael Davlin, Sandusky
 Theodore James Diedrick, LaGrange
 Barbara Jayne Dietz, Mentor
 James Richard Dillon, Columbus
 David William Doody, Rocky River
 Mary Jane Dore, Tiffin
 Ronald Lee Dougherty, Newark
 Philip Bennett Drake, Jr., Columbus
 John Randall Drinko, Worthington
 Brian Frederick Drum, Marysville
 Harry Charles Dundore, Orwell
 Terry Don Durham, Wellington
 Lee Michael Ellison, Plano, Tex.
 Jeffrey Roy Emerson, Burton
 Stuart Alan Ensor, Medina
 Barbara Marie Eppich, Willowick
 Michael David Eppley, Elyria
 Dave Garrett Eversole, Baltimore
 Dwane Leslie Fagaly, West Chester
 Sharon Lee Fain, Cincinnati
 Timothy David Faller, Hyattsville, Md.
 Lynette Fenstermaker, Baltimore
 Arthur Shane Finn, Williamsville, N. Y.
 Karen Linda Fitzpatrick, Louisville
 Tana Arlene Flack, Howard
 Michael Railey Fleming, Trimble
 Susan Elaine Flomerfelt, Xenia
 John Clark Foltz, Worthington
 Rebecca Evelyn Fouse, Dayton
 Zachary Franklin, Cincinnati
 Deborah Anne Frederick, Cleveland
 Deborah Ann Frolicher, Cincinnati
 Ellen Marie Gallucci, Columbus
 Jack Thomas Gerber, Strasburg
 John Joseph Gardias, Cleveland
 Deborah Ann Gedeon, Chardon
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 North Palm Beach, Fla.
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 Cleveland Heights
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 Suzanne Halas, Columbus
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 Larry Eugene Haney, Columbus
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 Dawn Lynn Hardinger, Denton, Tex.
 Daniel Earl Harpster, Harrod
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 Peter William Hellyer, Akron
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 Charles William Henley, Loudonville
 Pamela Joan Herron, Cadyville, N. Y.
 Mary Ellen Hess, Montrose, Pa.
 Jerry Robert Hetrick, Fremont
 Maribeth Lee Hilberg, Wilmington
 Christina Janet Hiles, Worthington
 Debra Ann Hines, Salem
 James Dalton Hodgins, Marion
 Charles Luther Hofacre, Wooster
 Steven James Hoffman, Wooster
 William Michael Hogan, Forest
 Thomas Allen Holmes, New Philadelphia
 Ellen Janet Imhof, Hiram
 William Lee Jackson, Galion
 Susan Mary Jarvis, Clovis, N. M.
 Lee Ann Johnson, Bidwell
 Stephen Baird Johnson, Williamsport
 Cynthia Anne Jones, Columbus
 Terrence Michael Jones, Worthington
 Jeffrey Clark Jordan, Dresden
 Phillip Peter Jordan, Richmond, Ind.
 Joseph Benson Alfred Kandeh,
 Freetown, Sierra Leone
 Jeffrey Gerard Kinzbach, Columbus
 Joel Coulombe Kitchens, Batavia
 Jeffrey Allen Klein, Brecksville
 Lisa Ann Kline, Perrysburg
 William Dee Kline, Nashville
 Ray Loren Kochheiser, Mansfield
 John Raymond Koesters, Maria Stein
 Paul Thomas Kotlinski, Columbus
 Janice Marie Kozloski, Lorain
 Katherine Mary Kwiatkowski, Delaware
 Michael Lewis Landers, Urbana
 Dean Arlan LaRue, Stoutsville
 Joel Arthur Lawitta, Syracuse, N. Y.
 Cynthia Ann Lee, Bloomingdale
 Joseph Scott Leistner, Columbus
 Douglas Alfred Lepper, Columbus
 Brenda Kaye Lockwood, Urbana
 Keith Alan Lodge, Columbus
 Philip Alan Lowe, Beverly
 Jimmy Lee Lucas, Carrollton
 Kevin Harold Lucas, Bethesda
 Douglas Eugene Lyme, Ansonia
 Deborah Gale MacMillan, Lorain
 Mary Catherine Maloney, Columbus
 Timothy James Mantey, Marion
 Richard Dale Marks, Massillon
 Herbert A. Mayer, Cincinnati
 Kelli J. McAfee, Woodbridge, Va.
 Daniel Skiles McAllister, Cincinnati
 Daniel Kevin McConnell, Zanesville
 Jeffrey Earl McMullen, Middletown
 Michael Robert McNamara, Shadyside
 David Wayne McPherson, Kenton
 Jeffrey Michael Melting, Cuyahoga Falls
 Charles Eric Metzger, Williamsport
 Karen Susan Metzger, Shelby
 Karen Ann Michel, Zanesville
 Scott Douglas Michelich, Westlake
 Gary Scott Miller, Delaware
 James Harold Miller, Convoy
 John Scott Miller, Dublin
 William Glenn Miller, Tiffin
 Douglas Kelley Mills, Columbus
 David Lewis Minnick, London
 Susan Jean Miskinis, Worthington
 Steven Dale Mochel, Wadsworth
 Ann Marie Mockler, Columbus
 Michael Pascal Monks, Hoosick Falls, N. Y.
 Timothy Joseph Moore, Washington C. H.
 George Robert Motichok, Columbus
 Kathryn Hildegard Moyers, Tallmadge
 David Jon Musgrave, Arlington
 Dennis Ervin Myers, Monroeville
 Melinda Kristine Myers, Columbus
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 Stephanie Lynn Nail, Perrysville
 Jacqueline Faye Neumann, Cleveland
 Thomas Allen Oberhaus, Napoleon
 Karl Herbert Oberltnr, Kenton
 John Douglas Ott, Canton
 Larry Keith Overholt, Fredericktown
 Paul Stephen Patronik, Toledo
 Robert Michael Paulin, Dover
 Pamela Lee Petzel, Kingston
 Colleen Lynn Phelp, Akron
 Shelley M. Phillips, Alliance
 Raymond A. Piar, Mt. Vernon
 Keith Douglas Pickering, Seven Hills
 Theresa Marie Pinamont, Stillwater, Okla.
 Dennis Dale Pohlman, Delphos
 Harold William Porginski, Portsmouth
 William Eugene Pound, Newark
 Mary Lynn Pressler, Westerville
 Martha Jean Pritchard, Columbus
 Jeffrey Lee Punderson, Marietta
 Carol Jean Rader, Columbus
 Susan Mary Ratteman, Worthington
 David Lee Raubenolt, Loudonville
 Nancy Gould Rager, Columbus
 Sharon Lucille Reilly, Westerville
 Terry Alan Rhoades, Whitehouse
 Karmel Linda Ricciardi, Hicksville, N. Y.
 Jeffrey Lyle Rienks, Columbus
 Dennis Joseph Rietman, Minster
 Bradley Kent Rife, Woodville
 Lory Jean Rigdon, Columbus
 Mitchell Leslie Risher, Wooster
 Janice Marie Roth, Orrville
 James Dale Rothenbusch, Jr., Okeana
 Rebecca Laura St. Phillips, Syracuse, N. Y.
 Carolyn Marie Sauer, West Farmington
 William Arthur Schaefer, Bloomingburg
 Sally Lorraine Schaffner, Columbus
 Ann Elaine Schable, Wooster
 Debra Ann Schiele, Worthington
 James Joseph Schneider, Delaware

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Carl Romie Schumaker, Carlisle
 Chester William Shallenberger, Kent
 Virginia Obert Shallenberger, Loveland
 Stuart Alan Shepherd, Hamilton
 Kris Jon Shumard, Miami
 Carol Eileen Siegley, Marion
 Theodore Karl Sill, Circleville
 Robert Ronald Simon, Ashland
 Carleta Lynne Smith, Washington C. H.
 Gary Paul Smith, Columbus
 Richard Caleb Smith, Mansfield
 Edwin William Snyder, Hilliard
 Carol Lynn Sommer, Worthington
 Peggy Anne Sonnenberg, Bowling Green
 Rhonda Williams Southard, Columbus
 Larry Michael Spanski, Grafton
 Christopher Spellmire, Lebanon
 Steven Robert Spieth, Napoleon
 Walter Chad Stachecki, Water Mill, N. Y.
 William Andrew Stanton, Chillicothe
 Michael Lawrence Stine, West Salem
 Frances Marian Stith, Georgetown
 Paul Keith Stoll, Edgerton
 Mary Ellen Swan, Ontario, N. Y.
 Joe Tacayama, Brooklyn, N. Y.
 Nevin Lynn Taylor, Kenton
 Roger Scott Tedrick, Mineral City
 Beth Ellen Tegge, Columbus
 Cindy Sue Thieroff, Defiance
 LeeAnn Thompson, Wooster
 Jennifer Marie Thorpe, Troy
 Michael Doyle Tolbert, North Olmsted
 James Carl Tschantz, Cuyahoga Falls
 Robert Alexander Unkovic, Pittsburgh, Pa.
 John Charles Vanetti, Alliance
 Joseph James Velovitch, Canton
 Scott Gregory Vergara, Worthington
 Pamela Cole Vivian, Columbus
 Cynthia Kaye Wagner, Hillsboro
 Gregory Eugene Ward, Maplewood
 Thomas Eric Warsinskey, Akron
 Janet Marie Wasko, Adena
 Jeffrey Dankmeyer Watt, Columbus
 Kathleen Miriam Weber, Columbus
 Lowell Eric Weber, Archbold
 Marc Alan Wedding, Raymond
 Mark Frederick Weingold, Shaker Heights
 Jerry Lee Wenger, Dalton
 John Albert Wenning, Coldwater
 Philip John Weyrich, Hillsboro
 Frederick Lee White, Beloit
 Timothy Mark Wiater, Bridgeport
 John Wendell Wiley, Richwood
 Joyce Ann Williams, Van Wert
 Cynthia Jane Wine, Wheaton, Ill.
 David James Winter, Columbus
 James Theodore Wizenredt, Orient
 Sylvia Ann Wise, Lakewood
 Earl Lincoln Witsman, Stow
 Edward Earl Wittmer, Avon Lake
 Marianne Catherine Woerner, Cincinnati
 Montford Wayland Wolf, Cincinnati
 Donald Rodney Worden, Brunswick
 Deborah Ann Wright, Johnstown
 Nathan Alan Wright, Mt. Carmel
 Charles Brent Yoder, Bellefontaine
 James Michael Zoller, Pepper Pike
 Richard Eugene Zoller, Pepper Pike
 William J. Zuga, Cortland

Bachelor of Science in Food Science

Dolores Jean Camp, Hicksville
 Daniel Garvin Cassanos, Newark
 Karen Sue Hartnagel, Orrville
 Andrew Lloyd Kohnhorst, Pickerington
 David Jonathan Louis, Washington C. H.
 Jeffrey Alan Love, Worthington
 Ralph Scott Novak, Solon
 Lisa Kay Oeter, Cincinnati
 Carol Ann Pennybacker, Blacklick
 Vincent Pengel Taylor, Worthington
 Michael Karl Waytowich, River Edge, N. J.

Bachelor of Science in Food Technology

David Bruce Barnhart, Dayton
 Bruce Allen Fraser, Steubenville
 Kathy Ann Fulmer, Cincinnati
 Carol Sue Garringer, Columbus
 Mary Lou Gott, Worthington
 Jana Lee Hale, Wilmington
 John Phillip Hoesman, Woodville
 Michael Lee Hurlow, Mt. Vernon
 John Albert Janney, North Olmsted
 Thomas Joseph Marosi, Rocky River
 Robert Carl Phillips, Columbus
 Barbara Jean Reitzel, Youngstown

Bachelor of Science in Nutrition

Connie Ruth Barnes, Wooster
 Joseph Carter Barone, Columbus
 Marjorie Konstantd Beaulieu, Danbury, Conn.
 Nancy Jean Kawejsza, Miami, Fla.
 Erin Anne McLaughlin, Pittsburgh, Pa.
 William Reese Owens, Bethesda, Md.
 Patricia Lee Rose, Uniontown
 Paul Morris Stoffregen, Columbus
 Linda Sue Sturni, Fairborn

School of Home Economics

Bachelor of Science in Home Economics

Deborah Lee Albright, Willard
 Julie Margaret Anderson, Lancaster
 Mickey Jo Army, Ohio City
 Candace Kay Ashbrook, Alexandria
 Anita Kay Ault, Wayne
 Marsha Fay Baehr, Bucyrus
 Jacqueline Eileen Baker, Richmond
 Joyce Ann Battson, Sidney
 Betsy Ann Beard, Dayton
 Sharyl J. Becker, Rochester, N. Y.
 Nadine Smythe Bostwick, Columbus
 Marlene Braun, Washington C. H.
 Paulette B. Buchheim, Cincinnati
 Diane E. Burns, Zanesville
 Cheryl Lynn Buzby, Baltimore
 Jody Susan Byrd, Columbus
 Mary Jo Carara, Campbell
 Pamela Lee Charette, Lexington
 Judith Lynn Claitman, Monroeville, Pa.
 Stephanie Dortha Cook, Columbus
 Constance S. Corbin, Columbus
 Kimberly Sue Corry, Grove City
 Susan Patricia Crites, Columbus
 Renee Jean DeCaro, Cincinnati
 Mary Elaine Dean, Hillsboro
 Debra A. Dininger, Tiffin
 Kathleen Ann Donkelaar, Westerville
 Kay Lynn Eberle, Columbus
 Donna Yvonne Enoch, Dayton
 Elise Marie Farley, Columbus
 Susan E. Feldman, Cincinnati
 Martha Marie Flood, Salem
 Katherine Elaine Fowl, Homestead Air Force Base, Fla.
 Ellen Elizabeth Freer, Ashland
 Pamela Anne Gabel, Columbus
 Judith Ann George, Rayland
 Renee Lee Gilman, Cincinnati
 Nancy Jo Goettmoeiller, Botkins
 Donna Jean Goff, Columbus
 Joan Graves, Fairlawn
 Betty M. Gray, Grandview Heights
 Kathryn M. Grismer, Cincinnati
 Carol Lynne Gscheidle, Cincinnati
 Laurie A. Hanna, Pittsburgh, Pa.
 Patricia Ann Herbert, Columbus
 Doris Anne Higgins, Dayton
 Lynne LeRean Hodapp, Lebanon
 Rosemary Smith Houchins, Columbus
 Deidre Ann Huddle, Columbus
 Nadine Sue Ishmael, Columbus
 Teresa E. Janiak, Monroe, Mich.
 Mary Elizabeth Jelley, Sidney
 Catherine Anne John, Shelby
 Eric Alan Johnson, Columbus
 Wendy Lee Johnson, Lima
 Jennifer Ann Joyce, Columbus
 Lori Jane Kah, Wapakoneta
 Cheryl Lynn Katz, Akron
 Susan Maria Katz, Cincinnati
 Nancy Lynn Kenney, Columbus
 Teresa Ann Marie Kline, Sheffield Lake
 JoAnn Kuhlman, Ft. Mitchell, Ky.
 Susan Marie Lapworth, Newark
 Susan Joy Laubach, Wooster
 Karen Elise Lavery, Aurora
 Andrea Malia Levy, Cleveland
 Anna Louise Ronald Lyon, Columbus
 Jennifer Jo Marshall, Cridersville
 Carol Jean Martin, Seville
 Patricia Ann Marzilli, North Canton
 Teresa Lynn McElDowney, Kettering
 Diana Corry McKeever, Springfield
 Nancy Meier, Worthington
 Amy Jo Mertz, Columbus
 Kathleen Ann Suter Michelich, Pandora
 Cynthia Ann Miller, Upper Sandusky
 Sabrina Caroline Mitchell, Fredericktown
 Elizabeth Ann Monaco, Parma
 Rebecca Lee Moore, Portsmouth
 Kathleen Ruth Murray, Milan
 Lisa Ellen Murtha, Worthington
 Juliana Myers, Lancaster
 Susan Marie Naymik, Lorain
 Nanci Jo Nims, Birmingham, Ala.
 Jane Ann O'Shaughnessy, Sheffield Lake
 Beth Ann Owings, Cincinnati
 Laurel Lee Peterfy, Columbus
 Elizabeth Ann Phillips, Worthington
 Susan Marie Proctor, Liverpool
 Diane Johnson Prosser, Columbus
 Kathleen Sue Quillet, Fayette
 Rebecca Jean Randles, Coshocton
 Christine M. Rea, Brecksville
 Holly Rhinehart, Steubenville
 Christy Lee Richards, Eaton
 Gayle Michele Robb, A.P.O. New York
 Sara Ann Roby, Worthington
 Mandie Kay Rose, Long Bottom
 Norma Jean Sawatzky, Columbus
 Lisa Ellen Schomer, Beachwood
 Karen Paula Schottenstein, Columbus
 Nancy Lynn Sebastian, Columbus
 Michele Ruth Sechler, Newton Falls
 Jo Anne Shaffer, Harrod
 Jeri Beth Shore, Shaker Heights
 Michele Sue Simon, University Heights
 Lori Marie Stine, Cincinnati
 Carol Lynne Snyder, London
 Susan Patrice Sommerfeld, Plain City
 Judith Kay Sommers, Bridgeport
 Anna Marie Staubs, Columbus
 Henry Alan Stein, Port Washington, N. Y.
 Wendy K. Stewart, Grove City
 Lee Anne Straker, Zanesville
 Martha Jane Streng, Columbus
 Barbara A. Studders, Toledo
 Kathleen Marie Swierz, Zanesville
 Lisa Marie Taylor, Dayton
 Jane Anne Timmons, Coshocton
 Sara Marie Tipton, Portsmouth
 Susan Kay Urig, Elyria
 Lois Diane Valentine, Berea
 Anne Vandever, Troy
 Carol Elizabeth Vrost, Grove
 Debbie Wakser, Beachwood

1 Also Master of Science, Graduate School

Helen Mae Ward, Houston
Carmie Jane Weintraub, Akron
Gloria Jean Zupcsak, Madison

Bachelor of Science in Nutrition

Carolyn Sue Hixson, Kingston
Thomas Hull Naumoff, Orrville

Bachelor of Science in Restaurant Management

Laura Ellen Brysacz, Columbus
David Leslie Caldwell, Lakeside
Linda Sue Day, Hamsersville
Robert Leland Evans, Rocky River
Gregory Katona, Columbus
Daniel Brady Landis, Columbus
Beatrice Loraine Leistner, Columbus
Roger Alan McDonald, Columbus

School of Natural Resources

Bachelor of Science in Natural Resources

Christopher E. Alatis, Shaker Heights
Andres Dale Ardito, Columbus
Herman Jackson Bailey, Columbus
Brian Carl Barr, Columbus
Thomas David Beatty, Columbus
James Robert Beckman, Fremont
Ronald Craig Bensinger, Columbus
John Theodore Benze, Ashtabula
Steven Michael Bergin, Columbus
Daniel James Best, Avon Lake
Betty Jean Boe, Columbus
Mary Anne Bohus, Lansing
Betsy Ellen Bolin, Columbus
Ernest William Busack, Wintersville
Joseph Gregory Caple, Painesville
Beverly Jean Cole, Lima
David Michael Coons, Columbus
Scott Charles Crable, Cincinnati
Joel Laurence Davis, Akron
Joyce Carolyn DeLeo, Pittsburgh, Pa.
Valerie Ann DeMuth, Worthington
Catherine Eileen Donovan, Cincinnati
Lisa Jean Dunmire, Columbus
Joseph Edward Ehrman, Columbus
Jeffrey Allen Emmons, Greenville
Bruce B. Eschhofen, Canton
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Douglas Robert Hague, Whiting, N. J.
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Linda Lee Harshman, Cincinnati
Elmer Walter Keyor, Jr., Harrison
Wayne Anthony Holmes, Columbus
Jeffrey Francis Howell, Poland
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Farmington Hills, Mich.
Marvin Itzkowitz, Dayton
Edward Francis Janesz, Fairview Park
Kathleen Gay Keller, Canandaigua, N. Y.
Mary Anne Kettler, Cincinnati
George Raymond Kikel, Bedford

Catherine Louise Kilpatrick, Rocky River
James Kenneth Knapp, Jr., Clarksburg
David Anthony Lab, Massillon
Donn William Landers, Berea
Nelson Craig Lane, Columbus
Philip David Leopold, Morristown, N. J.
Brian David Licht, Aurora
Elizabeth Ann Marshall, Westerville
James Daniel Martin, Cumberland
Michelle Ann Masters, Southington
Julie Rae Mathie, North Canton
Robert Gene McCleave, Findlay
Carol Ann Messmer, Columbus
Dennis Bruce Mishne, Mayfield Heights
Kathleen Anne Mitchell, North Olmsted
Diana Lee Morse, Dayton
Larry Gene Newton, Beverly
Ernst Peter Oergel, Cleveland
Thomas Martin Pogaenik, Lorain
Scott G. Popoff, Dayton
Thomas Joseph Powell, Shaker Heights
Jeffrey Alan Praht, Parma
Joseph H. Primosch, Wickliffe
Theresa Marie Quinn, Columbus
Robert Eugene Race, Loveland
Gabriele Diane Reil, Columbus
Christopher J. Reis, Columbus
Paula Jeanne Riehm, Cincinnati
Jeffrey Scott Robinson, North Canton
Arthur Roger Roden, Hamilton
James Steven Roloson, Columbus
Don James Seward, Leesburg
Brenda Aileen Shively, Cincinnati
Gregory Alan Silbaugh, Westerville
Mark Christen Smith, Mingo Junction
Randy Lee Smith, North Canton
Victoria Lynn Smith, Mansfield
Debra Jean Snodgrass, Portsmouth
Heidi Beth Sorin, University Heights
Richard Charles Stanley, II, Dayton
Steven James Stibaner, Webster, N. Y.
Nancy Louise Strayer, Elida
Kathleen Sullivan, Toledo
J. Richard Taylor, Plain City
James Elmer Thinnies, Cincinnati
Deborah Marie Van Dyke, Bexley
Joanna Elizabeth Villies, Mingo Junction
John Joseph Wagenhofer, Toronto
Scott Joseph Waibel, Canal Winchester
Bruce David Weinberg, Akron
Craig Lawrence Wenner, Bucyrus
Terry Lee Wilder, West Jefferson
J. Brad Wilson, Mansfield
Richard Arthur Wittberg, Cincinnati
Kathy Louise Wolfe, Bay Village
Robert Frederick Wright, Newark

Gordon M. Caldwell, Galion
Kerri Diane Canon, West Middlesex, Pa.
Norman Curtis Carpenter, Marshallville
Amy Caudill, Heath
George Sherman Churchill, Orleans, Vt.
Ann Marie Cichy, Toledo
John Richard Clawson, Wellington
David Alan Compston, Cincinnati
Richard John Conrad, Grafton
Michael Alan Corcoran, Chillicothe
Catherine Cecilia Cuiska, Cleveland
Francis Joseph Cummings, Willoughby
Richard Alan Daugherty, Chardon
Cindy Arlene Davis, Pleasant City
Douglas Dean Dawson, Delaware
Bradley J. Deavers, Lisbon
James Eric DeLong, Burton
David Gerard Dickman, Clyde
Lambert Anthony Dieringer, Wauseon
Allen Jay Douce, Caledonia
Catherine Ann Drury, Johnstown
Leona Gail Core Duckett, Pomeroy
Brian Daniel Duffy, Clyde
Diann Doris Durr, Middleburg Heights
Beth Joy Dustman, Salem
Michael Lee Ellis, Zanesville
Jerry Lee Emerich, Bradford
William Edward Enyart, Toledo
Susan Elaine Eselgroth, Chillicothe
Ronald Lee Etter, New Lebanon
David Scott Etzkorn, Wapakoneta
Craig Mathew Everet, Maumee
Loretta Ruth Ewart, Akron
Paul J. Fishman, University Heights
Kathy Jo Fleming, Lower Salem
Stephen Rush Friddle, Canton
Byron Paul Gearhart, Chillicothe
Nicholas Craig Gentile, Columbia Station
Thomas Allan Green, Jr., Wooster
Kenneth Ray Grimes, Alliance
Timothy Dean Gross, Walbridge
Mark Francis Grusenmeyer, Dayton
David Thomas Hackett, Jr., London
Michael James Hall, Gray, Me.
Donald James Harper, Shreve
Nancy Jean Hartshorne, Cinnamon, N. J.
Shari Lynn Hassler, Shelby
Joy Renee Hawkey, Piqua
Brian William Henestofel, Logan
Janette Joanne Henrey, Newton Falls
Dirk Regan Hill, Newbury
David Allen Hines, Sunbury
Kristi Ann Hoobler, Newcomerstown
John Brian Hoyle, Canfield
Brian Joseph Huber, Fairfield
Daniel Kevin Isenberg, Andover
Gregory Allen Johnson, Orrville
Wayne Martin Johnson, Marshallville
Kenneth Ross Johnston, Zanesville
Scott Alan Jones, Bay Village
Timothy Richard Kelley, Heath
Harry Martin Kinkes, Warren
Jane Ann Kirsh, Canton
Scott Jeffrey Kirshman, Chicago, Ill.
Terry Joseph Kish, Lorain
Michael Kishman, Lorain
Michael Wayne Kleiber, Milford Center
Donald Jacob Kopcial, Mansfield
Randal Alan Kroeger, Elmore
Gerald Francis Krupar, Wooster
Michel Armand Ladriere, Maumee
Lori Jeanne Lantz, Kenton
Robert Edward Lantz, Gates Mills
Lenore D. Leopold, Fairview Park
Perry Bennett Lewis, Kutztown, Pa.
Kevin John Libbon, Port Clinton
Kenneth Francis Lonnen, Waterport, N. Y.
Michael James Mالدinger, Marion
Cecilia Jane Maloy, Kenton
Diane Lee Malz, Chagrin Falls
James Wayne Marquart, Rawson
Joseph Michael Marstrell, Canton
Karl Sue McCarter, Toledo
Ellen Sue McCurdy, Toledo
Jacqueline Sue McLoda, Wellington
Dennis McMaher, Kenton
Dennis Owen McPherson, Kenton
Thomas William Mendenhall, Defiance
Lita Sue Messmore, Wooster

Agricultural Technical Institute-Wooster

Associate in Applied Science

Max M. Acker, Wooster
Timothy Scott Adams, Dayton
Deborah Jane Ambers, Polk
William Harold Anderson, Powell
Frederick Walter Andrews, Beach City
Linda May Armstrong, St. Johnsbury, Vt.
Gail Jay Arnold, Frazeeburg
Daniel Alfred Baker, Sylva
Barbara Jo Bartley, Ashland
Kristi Susanne Baum, Wooster
James C. Beardsley, North Jackson
Cheryl Gay Beatty, Delaware
Cynthia Lee Bein, Amelia
Richard Lee Blaney, II, Circleville
Hans A. Bollenbacher, Cincinnati
Ann Louise Brumbaugh, North Benton
Judy Elizabeth Bryan, Cincinnati
Daniel Burstein, Larchmont, N. Y.

Linda Kaye Miller, Baltic
 David Allen Mills, Crown City
 Tammy Clifton Morris, Shreve
 Robert Thomas Murphy, Sunbury
 Joan Maurine Norris, Glenmont
 Michael Paul Olinger, Orrville
 Roberta Elizabeth Orsini, Wadsworth
 Bruce Cameron Otte, Columbus, Ind.
 Becky Jo Pegorsch, Grand Rapids
 Norman Van Perry, Newton Falls
 Faith Annette Peter, Berea
 Charles Milton Pierce, Jr., Jeromesville
 Susan Ellen Popa, Youngstown
 Eugene F. Pouly, Smithville
 Ronald M. Prebis, North Olmsted
 Joyce Elaine Prouty, Norwich
 Nancy Ann Purdum, Galloway
 Richard Merle Rea, Geneva
 Donna Joyce Reinke, Sandusky
 Ralph Thomas Richey, East Palestine
 Judith Ann Rigenbach, Sardis
 Donald Ray Roberts, Thornville
 Jimmie D. Rose, Patriot
 John Crosby Runyan, Delaware
 Robert Gerald Sabine, Amherst
 Rhonda Rae Sampsill, Ashville
 Andrea Louise Sawa, Akron
 Colleen Ann Scully, Hinckley
 Rosemarie Scarillo, Berkeley Heights, N. J.
 Robbin Lee Scherer, Shelby
 Kimberly Ann Schimmelpfenig, Wadsworth
 Karl David Schlegel, Wapakoneta
 Martha June Schneeberger, Caldwell
 Tim Paul Schoen, Celina
 Kevin Richard Schroeder, Ottawa
 David Glen Shevel, Youngstown
 Matt Wilson Shreyer, Baltimore
 David Dean Snoddy, Beloit
 Daniel Joseph Snyder, Baltic
 Ronald Paul Snyder, Walbridge
 Mark Alan Spracklen, Xenia
 Camilla Sue Stanfield, London
 Molly Monica Stone, Ashland
 Jon Douglas Strantz, Springfield
 Richard Kenneth Strow, Custar
 Joe Lee Studebaker, Wellington
 Linda Lee Swartz, Ravenna
 Catherine Marie Talbot, Cortland
 Daniel Scott Trbovich, Waynesburg
 Leslie Mather Vercoe, Worthington
 Perry Gene Walston, Pemberville
 Lynn Marie Warnke, Elmore
 Donald James Weber, Shelby
 Diana Lynn Wells, Hamilton
 Paula Ann Wesselmann, Barborton
 Craig Thomas Wiley, Polk
 Keith Allan Williamson, Findlay
 Brian Keith Windon, Pomeroy
 Howard Henry Yoder, Plain City
 Stanley Anthony Zalar, Jr.,
 Fairport Harbor

Carmen Joseph Aulino, Peninsula
 B.A. (University of Notre Dame)
 Eleanore Awadalla, Akron
 B.S. (McGill University)
 Steve Owen Axe, Wooster
 B.S. (University of Akron)
 Craig Ambrose Balloon, Wooster
 B.S. (Grove City College)
 Richard Ray Bankhead, Fairborn
 B.S.
 Robert Alan Bard, Jordan, N. Y.
 'Paul Robert Barnes, Newark
 B.A.
 Joseph Dorsell Barnett, Columbus
 B.S. (Western Kentucky University)
 Michael Allen Barnett, Columbus
 B.S. (Georgetown College)
 Vicki Ann Barnhouse, Columbus
 B.A., B.S.
 Deborah Ellen Barsan, Akron
 B.S.
 Richard E. Barsan, Akron
 B.S. (University of Cincinnati)
 'Donald William Begezda, Youngstown
 Robert Joseph Bencic, Euclid
 A.B. (Indiana University)
 'John Watson Berridge, Hamilton
 B.A.
 Nicky Neal Berry, Cambridge
 A.S. (Olney Central College);
 B.A. (Muskogum College)
 Michael Alan Blum, Columbus
 B.S. (Ohio University)
 Judith Amy Borodkin, Akron
 B.A.
 Thomas Stanley Bosma, Cincinnati
 B.S. (Miami University)
 Donald Frank Bowen, Columbus
 B.S.
 Larry James Brandau, North Canton
 B.S.
 Kathy Virginia Brisley, Toledo
 B.A.
 Daniel T. Brown, Owensville
 B.A.
 Lawrence Richard Brown,
 University Heights; B.S.
 Lawrence Gerald Brun, Dayton
 B.A. (Wright State University)
 Kathleen Marie Burnick, Cortland
 B.S.
 Timothy Lee Burns, Defiance
 B.A. (The Defiance College)
 Keith Richard Busch, Kettering
 B.S. (University of Dayton)
 Susan Elizabeth Campbell, Hinckley
 B.A., B.S., M.A. (Kent State University)
 Gary L. Charvat, Parma Heights
 B.A. (Cleveland State University)
 Douglas George Cox, Ashtabula
 B.A. (Case Western Reserve University)
 Jeffrey Dean Crabtree, Akron
 B.S. (Akron University)

'John Randall Crawford, Alliance
 Dale Denio, Enon
 B.A. (University of Kansas)
 James Henry Doench, II, Centerville
 B.S.
 Robert Joseph Dornauer, Cleveland
 B.S. (Cleveland State University)
 M.S. (Idaho State University)
 Laurence Earl Drake, Coshocton
 B.S.
 E. Michael Duckworth, Poland
 B.S.
 Neil Allen Elam, Celina
 B.S. (Wright State University)
 Susan Bernstein Ellison, Cincinnati
 B.A. (University of Cincinnati)
 Michael C. Emming, Cincinnati
 Michael Darrell Ewers, Mansfield
 B.S. (Centre College of Kentucky)
 William Alan Fender, Baltic
 B.S.
 James Walter Fennell, Norwood
 B.A. (Miami University)
 Darell Alan Fisher, Parma Heights
 B.S. (Kent State University)
 George Mario Fligel, Parma
 B.A.
 Jeffrey Gordon Foerster, Brecksville
 B.A. (Ohio Wesleyan University)
 Thomas Joseph Fogarty, Springfield
 Robert Myles Friel, Zanesville
 David Lee Fritz, Berea
 B.S. (Miami University)
 Steven Ralph Fudge, Newark
 B.A.
 Bradley J. Fulton, Rocky River
 B.S. (Colorado State University)
 Kathleen Sue Gaeffe, Toledo
 B.S. (University of Toledo)
 Douglas Bruce Gansl, Cleveland Heights
 B.A. (Washington & Jefferson)
 M.S. (Cleveland State University)
 Robert Edward Gatens, Wadsworth
 B.S.
 Robert Allen George, Fairview Park
 B.S. (Cleveland State University)
 Larry James Gessner, Youngstown
 B.A. (Walsh College)
 Charles Evans Goebel, Cincinnati
 B.S. (Ohio University)
 Steven Alan Goldberg, Dayton
 B.A. (Wright State University)
 Scott David Goodman, Cleveland Heights
 Paul Owen Groipen,
 Newton Highlands, Mass.
 B.A. (Case Western Reserve University)
 David L. Guerra, Toledo
 B.S. (University of Arizona)
 Robert Russell Guthrie, II, Akron
 B.S. (University of Akron)
 Lawrence William Hagen, II, Cincinnati
 B.S. (Xavier University)
 James Daniel Haldeman,
 Broadview Heights
 B.A.
 'Also Bachelor of Arts, Colleges of the Arts and
 Sciences

College of Dentistry

Dean: Charles L. Howell

Doctor of Dental Surgery

Randy Gail Alkire, Mount Sterling
 B.S.
 Terrence Lynn Allemang, Englewood
 B.S. (University of Cincinnati)
 Peggy Sue Anderson, Rocky River
 B.A. (The College of Wooster)
 Robert Edward Archer, Toronto
 B.S. (Ohio University)

Stephen David Hamilton, Fairborn
B.A.

Edward Thomas Hammons, Blanchester
B.A. (Wilmington College)

Joseph Hurley Hampton, Toledo
B.S. (Akron University)

Craig Alan Hardy, Alliance
B.A. (Baldwin-Wallace College)

Jimmie Lee Harper, Jr., Columbus
B.A. (Otterbein College)

Gregory Allen Hart, Troy
B.A. (Ohio Northern University)

Lee Ralph Hendricks, Dayton

David Earl Henry, Mansfield
B.A. (Miami University)

Randall Earl Hester, Kettering
B.S. (Wright State University)

Robert Charles Hiltbrand, Cuyahoga Falls
A.B. (St. Louis University)
M.S. (University of Akron)

Stephen Vincent Hoffman, Columbus
B.A. (Wittenberg University)

Larry L. Hoisington, Ashland
B.S. (Miami University)

Jeff Charles Huffman, Columbus
B.S.

David Joseph Ishley, Columbus
B.I.E.

Joseph Edward Jacob, Cincinnati
B.S. (Xavier University)

Eric Peter Jankowski, Northfield Center
B.A. (Cleveland State University)

Martin Leland Jones, Rocky River
B.S.

Joseph John Jurcak, Euclid
B.S. (University of Dayton)

David Michael Kagy, Tiro
B.A. (Miami University)

Douglas Eugene Kaylor, Canton
B.S. (Ohio University)

Jeffrey Scott Keeny, Bucyrus
B.A.

J. Robert Kelly, Walnut Creek, Calif.
B.A. (University of California at Santa Cruz)

Scott S. Kelly, Maumee
B.A. (Brown University)

Rick Kennard, West Portsmouth
B.S.

Jay Fredrick Kiefer, Williamsville, N. Y.
B.A. (Wittenberg University)

Victor Y. Kim, Youngstown
B.S.

Mark William Klabunde, North Olmsted

David Keil Klokow, Fort Lauderdale, Fla.
B.S. (Muskingum College)

Mary C. Kluener, Cincinnati
B.S. (Xavier University)

Richard Russell Kneisley, Dayton
B.S.

John Christian Koehley, Bellevue
B.S.

Pamela Sue Kuder, Seville
B.S.

Steven Lee Lang, Portsmouth

John Christopher Lanz, Cincinnati
B.S.

Gary Lynn Laukhuf, Payne

Mark Lewis Levy, Columbus
B.A.

Paul Willard Lindgren, Lakewood
B.S. (United States Naval Academy)

Thomas E. Long, Troy
B.S.

Terry Kim Lowitz, Cincinnati
B.S. (University of Cincinnati)

Thomas Paul Lustenberger, Cincinnati
B.S. (University of Cincinnati)

Jane Patricia Lynch, Cincinnati
B.S. (University of Dayton)

Vincent John Marino, Mayfield Heights
B.S. (John Carroll University)
M.S. (Cleveland State University)

Lisa Marshall, Xenia

James I. Matia, Elyria
B.S. (Ashland College)

Edward James McCulloch, Parma Heights
B.S. (Bowling Green State University)

Celia Gay McLean, Dayton
B.S.

Douglas Lee McLeod, Shaker Heights
B.A.

Philip Dana Miller, Elyria
B.A., M.S. (Miami University)

Craig Minard, Cincinnati
B.S. (University of Cincinnati)

Anthony Guy Mollica, Jr., Niles
B.S. (Clemson University)

R. Denny Montgomery, Wintersville
B.S. (Mt. Union College)

Donald Arthur Moore, Eaton
B.A., M.S.

Kent Lane Mueller, Solon
B.A. (Kenyon College)

Ronald Eugene Myers, Columbus
B.S.

James Edward Nicholls, Twinsburg
B.S.

Bruce John Nowac, Maple
B.A.

Michael John Ondo, Dayton
B.S.

David Leslie Patten, Columbus
B.S.

Randal Lee Patterson, Parma
B.S.

Harry Douglas Peach, Steubenville
B.S. (Ohio University)

Mark Stewart Perlman, Cincinnati
B.S. (University of Cincinnati)

Theodore Edward David Peters, Cincinnati
B.A. (Miami University)

Mary Lynn Picyk, Roselle Park, N. J.
A.A.S., R.D.H. (Union County Technical Institute)

Michael Anthony Pikos, Campbell
B.S.

Roger Lee Plummer, Mentor

Michael Allen Pohl, Cincinnati
B.S. (University of Cincinnati)

Gary Lee Porter, Kettering
B.S.

Annette Marie Prunte, Columbus
B.S.

Stephen Joseph Ralston, Columbus
B.S.

Alan Lockwood Rankin, Jr., Zanesville
B.S. (Ohio University)

Timothy Michael Reddy, Cincinnati
B.S.

Ralph Curtis Reppart, Fredericktown
B.S. (Virginia Military Institute)

Michael Alan Ress, Youngstown
B.A. (Case Western Reserve University)

Timothy Charles Rhodenbaugh, Cincinnati
A.B. (Miami University)

James Paul Ritter, Middletown
B.S.

Larry Kent Roberts, Deer Park

Dane Quincy Robinson, Columbus
B.A.

Jason Earl Robson, East Liberty
B.S.

Robert Ruh, Jr., Kettering
B.S. (University of Kentucky)

James Leland Ryan, Akron
B.S. (University of Akron)

Robert William Ryan, Cuyahoga Falls
B.A. (Miami University)

Robert Stephen Salmans, Cambridge
B.A. (Ohio Wesleyan University)

Larry John Sangrik, Chardon
B.A.

Byron Paul Sansom, Chillicothe
B.S. (United States Naval Academy)

K. Eric Schall, Findlay
B.S. (Denison University)

Leslie Ann Scheid, Toledo
B.A. (University of Toledo)

Christopher Joseph Schiappa, Thousand Oaks, Calif.
B.S. (California Lutheran College)

John Richard Schleder, Columbus
B.A. (Miami University)

Joseph Robert Schmidbauer, Jr., Toledo

Terry Charles Scotese, Euclid
B.S. (John Carroll University)

Wendell Wilson Shaffer, Jr., Canton
B.S.

Bryan Allan Shumaker, Englishtown, N. J.
B.A.

Matthew Walton Sigler, Tiffin
B.A. (Lawrence University)

Darryl Arlen Skale, Dayton
B.A.

Jason David Smilow, Mayfield Heights
B.A.

Sarah Kay Smith, Toledo
B.S. (Ohio University)

Robert Paul Smithson, Middletown
B.S. (University of Cincinnati)

Don Blair Snoke, Columbus
B.S., M.S.

¹ Also Bachelor of Arts, Colleges of the Arts and Sciences

Michael Arden Sohl, Columbus
B.S.

Mark Joseph Squicquero, Youngstown
B.S. (Youngstown State University)

Rodney Lowell Staker, Mansfield
B.S. (Old Dominion University)

Susan Denise Stalnaker, West Portsmouth
B.S. (University of Cincinnati)

Mark Turpin Stoffregen, Cincinnati
B.S. (Heidelberg College)
M.Ed. (University of Cincinnati)
M.A.T. (Miami University)

Robert Larry Sturkey, Akron
B.A. (College of Steubenville)

Jan Tarsitano, Patrick Air Force Base,
Fla.; B.S.

Evan David Tetelman, University Heights
A.B. (Miami University)

Ronald J. Trepanier, Toledo
B.S. (University of Toledo)

James Edward Tupa, Fairview Park
B.S.

George Anthony Vrabel, Lorain
B.S.

George Vukmir, Parma Heights
B.A.

Robin Fern Wacksman, Cincinnati
B.S. (University of Cincinnati)

Phillip Wallace, Akron
B.S. (University of Akron)

Daniel Howard Ward, Columbus
B.A. (Ohio University)

Jeff Thomas Warner, Wadsworth
B.A.

Bruce Alan Weitz, Shaker Heights
B.A. (Kenyon College)

James Russell Welland, Fairfield
B.S.

Ronald Wayne Wilkes, Charleston, S. C.
B.S. (The Citadel)

Lee Anthony Woodard, Springfield

Gary Eugene Woznicki, Bedford
B.S.

Certificate of Graduate Dental Hygienist

Carolyn Wendy Abrams, Cincinnati

*Sherri Garrison Agosta, Lancaster

*Deborah Lynn Allison, Amherst

*Lorraine Ann Altemus, Columbus

Diane Lynn Ashbridge, Cincinnati

Lynnette Ann Barnes, Middletown

*Dana Sue Barnick, Grove City

*Marilyn Bart, Wooster

Angela Jo Bartlow, Cincinnati

*Rebecca Lynn Basinger, Mansfield

Dawn Renee Bauer, Columbiana

*Shelley Sue Beckham, Columbiana

Heidi Beth Benner, Wadsworth

*Nancy Lynn Biederman, Cincinnati

April Diane Bigham, Columbus

*Nora Lee Bowersox, Tiffin

*Leslie Gail Brooks, Miami, Fla.

Diana Lorraine Cusack, Circleville

*Patricia Diane Cenci, Columbus

*Shauren Charlebois, Youngstown

Candace Lee Clause, Oakland, N. J.

Sarah Elizabeth Conroy, Worthington

Kimberly Ann Copeland, Steubenville

*Cynthia Anne Craig, Cincinnati

*Cheryl Ann Darley, Columbus

Cindy Elaine Davidson, Logan

Marguerite Alice Diehl, Orrville

*Juanita B. Everly, Bellville

*Diane Marie Fahrenbach, Columbus

Marilee Foster Simon, Dublin

Faith Elaine Funk, Youngstown

Kimberly Lynn Glikies, Steubenville

Roger Earl Grossnickle, Columbus
B.A.

*Teresa Lynne Henley, Barberton

*Teresa Michelle Herman, Stow

*Melva Lynn Higginbotham, Newark

Jolene Gail Jensen, North Royalton

Deborah Lee Jones, Columbus

Sharon Anne Kiczek, North Olmsted

*Mary Josephine Kiger, Lancaster

Karen Elaine Kropiwnicki, Independence

Julianne Lebowitz, Cincinnati

Robyn Lynn Lohstroh, Cincinnati

Janice Lynn Marshall, Lima

Kathleen Marsha McAdams, Bellefontaine

Laurie Kay McCauley, Akron

Sharon Kay McMahon, Columbus

Melinda Ruth McMullen, Wilmington

Janet Lee Meyer, Dayton

Matthew C. Moor, Westerville

*Kathryn Sue Mutzig, Columbus

Lynel Kay Peake, Mansfield, Pa.

Marta Ann Pfeiffer, Worthington

Linda Susan Pike, Circleville

Marigo Psillas, Cincinnati

*Barbara Sue Raftery, Wadsworth

*Vicki Lisbeth Reiner, Worthington

*Lynn Robinson, Akron

Sandra Sue Sacks, East Brunswick, N. J.

*Barbara Elaine Schneider, Circleville

Pamela Jo Seiter, Prospect

Kelly Ann Siron, Springfield

Mary Teresa Smith, Columbus

Nancy Lynn Spracklen, Kenia

Martha Gail Surface, West Chester

Jane Frances Wallack, Port Clinton

Susan Lynn Walton, Columbus

*Kristin Searle Wartian, Columbus

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*Linda Marie Wisler, Marion

*Chris Elizabeth Wolf, Mansfield

Laurel Ann Woodward, Columbus

Mary Lynn Yardley, Columbus

Susan Jayne Yontz, Caldwell

Anne Terese Younkman, Toledo

Carla Brooke Beatley, Tipp City

Ellen Carol Becker, Toledo

Maria Rochelle Belton, Cleveland

Mark Daniel Bennett, Findlay

Timothy Steven Bensonhaver, Logan

Marcia Anne Beres, Westerville

Cathy Jo Berg, Bellefontaine

Lawrence Curtis Bernbaum,
University Heights

Leslie Ann Berns, Middletown

Sally Berridge, Columbus

Janet Lynn Berry, Columbus

Vicki Lynn Bird, Columbus

Karen Louise Blank, Mentor

Douglas Earl Blewitt, Euclid

Ruth Marie Blom, Copley

Deborah Ann Boggs, Mansfield

Betsy Ann Boike, Cincinnati

Karen Ann Bott, Woodsfield

Christine Kay Bowman, Marion

Gary Tobias Brand, Greenville

Bradley Dwight Brandt, Columbus

Bruce Milton Brown, Marion

Mary Frances Bryant, Ironton

Alice Dee Burger, Fremont

Sheryll Bowers Burnes, Worthington

Barbara Elaine Burt, Columbus

Betsy Ruth Bush, Columbus

Christine Sue Callahan, Columbus

Sandra Jean Campbell, North Olmsted

Theresa Lynn Canode, Reynoldsburg

Marchelle Diane Canright, Columbus

Priscilla Jane Carls, Steubenville

Nancy Jean Carlin, Cleveland

Douglas Ray Carr, Smithville

Katherine Anne Carr, Columbus

Constance Mae Cassell, Lima

Byron Dean Cato, Lorain

Bonnie Collier Channell, Marysville

David Richard Cherry, Columbus

Julie Smith Clark, Columbus

Kathleen Ann Clark, Marion

Shawn Elizabeth Clarke, Gallipolis

Pauline Dana Clement, Campbell

Myra Margaret Cline, New Matamoras

Karen Lynn Clouse, Columbus

Christine Clugh, Stow

Sharon Louise Codner, Boiling Springs, Pa.

Kathy Eileen Comer, Spencerville

Mitchell Dennis Conant, Mansfield

Charles Frederick Confar, Columbus

Timothy Lee Conrad, Hilliard

Vicki Lee Cordle, Columbus

Susan Elaine Cover, Marion

Donald Evan Crabb, Richton Park, Ill.

Katherine Lynn Crawford, Dublin

Beverly Ann Creed, Baltimore

Barbara Nancy Crider, Mansfield

Kerry Anderson Crooks, Columbus

Martin Joseph Cusick, Tampa, Fla.

Dennis Craig Daniels, Columbus

Malinda Inez Davis, Coral Springs, Fla.

William Ronald DeCarroll, Columbus

Amy Bennett Dean, Midland, Tex.

Paula Kay DeLauder, Marion

Valerie Ann DeMuth, Worthington

Judith Kay DeSantis, Wintersville

Sharon Doss Detrick, Dublin

Gloria Patricia Devol, Bellefontaine

Celissa Lucille Dickerson, Columbus

Gregory Alan DiCocco, Columbus

Pamela Diane Dinkler, Clarksburg

Kyle Richard Dover, Columbus

Juanita Eileen Downey, Newark

John Charles Downing, Columbus

Diana Sue Dugger, Westerville

Michael Dugakoski, Avon

David Lee Eagle, Columbus

Charla Lynn Edel, Massillon

Margaret Cecilia Eichner, Columbus

Marianne Ellwood, Warren

Kathleen Darice Ely, Excelsior, Minn.

Mary Patricia Enciso, Mechanicsburg

College of Education

Dean: Frederick R. Cyphert

Bachelor of Science in Education

Barry Marc Ackerman, Wyoming

Timothy Lee Acton, Canal Winchester

Stephanie Ann Adams, Westerville

James Gerard Albano, Piqua

Julia Kathleen Allen, Columbus

Martin Siegel Allen, Columbus

Audrey Ann Ambrose, Worthington

Cynthia Gail Anderson, Columbus

James Thomas Anderson, Dayton

Christine Marie Armbrust, Columbus

Barbara Preston Armstrong, Columbus

Lauren Sue Aronson, Westerville

Robin Lees Askins, Mansfield

Kimberly Dawn Baird, Hampton, Va.

Elmer Ray Baldrige, Columbus

Bettylee Baldwin, Dayton

Patricia Ann Barbee, Columbus

Cynthia Jeanne Barrows, Columbus

Edwin Ely Beach, Granville

1 Also Bachelor of Arts, Colleges of the Arts and Sciences

2 Also Bachelor of Science, Colleges of the Arts and Sciences

David Edward Eppley, Zanesville
 Mattie Delores Evans, Cincinnati
 Tobey Rhea Feinberg, East Liverpool
 Barbara Ann Fenchak, Bloomfield Hills, Mich.
 Marty Eugene Fields, Columbus
 Jeffrey Alan Ford, Ashtabula
 Frank McEwen Foster, Jr., Wyoming
 Rebecca John Foust, Delphos
 David Edward Fowle, Lancaster
 James Kevin Fraley, Kenton
 James Douglas Franck, Columbus
 Cynthia Ellen Fry, Coshocton
 Linda Rader Fulmer, Mansfield
 Merilee Funk, Reynoldsburg
 Susan Elizabeth Galey, Columbus
 Tamara Leigh Galloway, Columbus
 Gloria Thrush Garrison, Mansfield
 Richard Brian Gartrell, Westerville
 Susan Marie Gedeon, Rocky River
 William John Geiger, North Olmsted
 Mark James George, Columbus
 Cheryl Ann Gerst, Columbus
 Stephen Earl Gex, Dayton
 Denise Christine Gialluca, Canton
 Richard Charles Giauque, Mt. Gilead
 Bryan B. Gibson, Columbus
 Robin De Vere Glasgow, Columbus
 Hershell William Glenn, Mansfield
 Myrna Rae Goldstein, Toledo
 Shyron Beth Goorey, Worthington
 Kathryn Ann Gordon, Centerburg
 Sarah L. Sheffield Gratz, Lucas
 Kathleen Marie Gress, Dayton
 Ann Louise Gresser, Smithville
 Jane Stewart Gridley, Dayton
 Jody Staiger Grove, Bucyrus
 Mary Ann Gruber, Marion
 Deborah Ann Gudel, Richmond Heights
 Cath. Lynne Guth, Bloomfield, N. J.
 Patricia Lynn Guth, Reynoldsburg
 Kimberly Anne Habegger, Westerville
 Barry E. Haley, Columbus
 Sandra Bonkowski Halley, Toledo
 Diana Marie Hamilton, North Olmsted
 Nida Jo Hancock, Dayton
 Barbara Lynn Hapanowicz, Cuyahoga Falls
 Debra Kay Hare, Elida
 Charles William Harlow, Englewood
 Cynthia Sue Harnly, Stillwater, Okla.
 Bryan David Harris, Milford, N. H.
 Lissa Jean Harris, Bay Village
 Jeffrey Michael Harrison, Millersport
 Susanne Hildegard Hartig, Grove City
 Anne Marie Hartman, Galion
 Kimberly Ann Haverman, Toledo
 Michelle Ann Hayes, Waterford
 Sue Ann Hazlett, South Charleston
 Steven Mitchell Heibert, Mansfield
 Carol Renee Herman, University Heights
 Darcelle Montrese Herring, Scotch Plains, N. J.
 Julie Ann Heron, Delaware
 Melissa Kay Hibbard, Lima
 Jennifer Walker Highnam, Mt. Vernon
 Barbara Ann Hildahl, Columbus
 Lisa Suzanne Hill, Cincinnati
 Louise Elaine Hill, Fairport Harbor
 Charles Edward Hollar, Newark
 L. Tamaralayne Hollingsworth, Lima
 Harley William Homer, Marion
 Randy L. Hord, Willard
 Katherine Ann Horwath, Kettering
 Charlene Kay Hudson, Medina
 Elizabeth Anne Huffman, Farmersville
 Beth Carol Hurst, Columbus
 Sheryl L. Hutchison, Westerville
 Dyanne Austin Irvine, Logan
 Suzanne Pierce Ivey, LaGrange, Ill.
 Odell Jackson, Centerburg
 Cynthia Lu Jacob, Reynoldsburg
 Mary Ann Jaconette, Columbus
 Debra Marie Jaketic, Columbus
 Gary James Jarvis, Westerville
 Carol Jane Jenkins, Youngstown
 Charla Rae Jenkins, Shelby

Denise Ann Jewett, Columbus
 David Robert Johnson, Columbus
 LaDonna Jean Johnson, Thornville
 Lois Anne Johnston, Toledo
 Jay Arthur Jones, Madison
 Patricia Elaine Jones, Celina
 Barbara Ann Judy, Columbus
 David Lowell Kandel, Canton
 Deborah Lynn Karako, Fairport Harbor
 Kathy Marie Kassel, Bay Village
 Kathy Lynn Kees, Newark
 Paul Kegelmayer, Columbus
 Ralph Karl Keller, Jackson Center
 Kathryn Jeanne Keltner, Delaware
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 Brent Allen Kidder, Chillicothe
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 Katherine Alice Kirk, Columbus
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 Rise Louise Klassen, Steubenville
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 George Estan Kohler, Reynoldsburg
 Debra Pam Krasney, Beachwood
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 Paul G. Lampron, Manchester, N. H.
 Gaye Ann Lang, Parnie Heights
 Thomas Edward Lang, Toronto
 Judith Lynn Larger, Wapakoneta
 Rebecca Smith Larson, Columbus
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 Debra Jean Lewis, Richwood
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 Charles Herbert Locy, North Kingsville
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 Barbara Ann Marks, Cleveland
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 Sharon Deen Martinec, Newark
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 Lynne Marie Mathews, Mansfield
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 Rebecca Matthey, Steubenville
 Mildred Ann McCombs, Centerburg
 Frederick E. McCreary, Irwin
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 Mary Ann McGee, Lancaster
 Pamela Ann McGill, Rocky River
 Stephen McGlaughlin, Whitehall
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 Mercedes Marie Michael, Delphos
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 Bobbi Jean Montanari, Columbus
 Claudia Lynn Moore, Gallipolis
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 Sandra Louise Moskewicz, Columbus
 Bridget Lee Moury, Columbus
 Michael Lee Muehlfield, Bryan
 Lora Joanne Munsell, Columbus
 Patricia Marie Murphy, Gahanna
 Kelly Nile Murray, Wapakoneta
 Lorelei Hebdon Murray, Lima
 George Justin Muekamp, Cincinnati
 Steven E. Myers, Iowa City, Ia.
 Thomas Joseph Navarre, Toledo

Debra Sue Nesselrode, McConnellsville
 Randall Trevor Nesser, Columbus
 Ann Catharine Newkirk, Columbus
 Annette Nice, Norton
 Sandra Carol Noojin, Columbus
 Pamela Kay Norman, Willoughby
 Susan Jo Oller, Huron
 Kathryn Karth Olson, Marysville
 Kathleen Marie O'Reilly, Westerville
 Teresa Lynn Ort, Columbus
 Jeanette Patricia Painter, Thompson
 Joanna Susan Pallos, Columbus
 Robin Leigh Parker, Worthington
 Renee Paula Partion, Medina
 Madeline Osborne Partlow, Gahanna
 Catherine Elaine Patzer, Columbus
 Cynthia Dawn Peabody, Chagrin Falls
 Priscilla Jane Pearson, Euclid
 Christina Ann Peitz, Worthington
 Michael Lewis Perkins, Columbus
 Lisa Ann Perrott, Dalton
 Rebecca Ann Peters, Lockbourne
 Joyce Ann Petrek, Hubbard
 Roberta Louise Pitkin, Columbus
 Mary Loretta Plank, Columbus
 Cynthia Dillon Polles, Columbus
 Scott G. Popoff, Dayton
 Theodore Eugene Powell, Hampton, Va.
 Gary Lynn Predmore, Marysville
 Lynn Marie Pressler, Sandusky
 Vicki Jo Prichard, Medina
 Jill Lin Proudfoot, Oregonia
 Christian John Pullen, Columbus
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 David Craig Ramsey, Ashland
 Timothy Francis Rathburn, Columbus
 Renee Marie Rauck, Grove City
 James Martin Raymont, South Euclid
 Jeri Michele Rea, Wellsville
 Mark Allen Redmond, Richwood
 Douglas Alan Reed, Lewisburg
 Cynthia Evans Rees, Columbus
 Gabrielle Diane Reil, Columbus
 Deborah Ann Reindl, Columbus
 Tammy Jane Reitter, Columbus
 Renee Renker, Middleburg Heights
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 Lori Lyn Ries, Columbus
 Robin Rebecca Riffe, Utica
 Roberta Jean Rini, Portsmouth
 Kathleen Marie Roch, Youngstown
 Fernando Roman, II, Columbus
 Christine Coleman Rooker, Columbus
 Kathleen Murphy Rowland, Marion
 Jeffrey Daniel Rudolph, Independence
 Vaune Marie Samblant, Louisville
 Anthony Louie Satej, Jr., Painesville
 Kimberly Ann Schafer, Kettering
 Kimberly Ann Schnell, Wapakoneta
 Diane Schwenndenman, Columbus
 Marcia Jane Seifried, Washington C. H.
 Janet Louise Shenshang, Cincinnati
 Sheila Maureen Shepherd, Freepost
 Sharon Lee Shivers, Bysville
 Margaret Marie Shipert, Seaman
 James Brader Smith, Columbus
 Alan L. Simmons, North Benton
 Douglas William Slocum, Westerville
 Suzanne Beth Sly, Columbus
 Creta Marlene Smith, Columbus
 Derrell Gene Smith, Seven Hills
 Gwendolyn Kay Smith, Kettering
 Lisa Lynn Smith, Coldwater
 Mary Beth Smith, Colquhoun
 Paul Leon Sozansky, Columbus
 Thomas Audus Spain, Columbus
 Marilyn Judith Spitalny, Buffalo, N. Y.
 Kay Saldin Sroufe, Thornville
 Sue Ann Stanley, Smithville
 James Vernon Starner, Jr., Columbus
 Brian Larry Starr, Wantagh, N. Y.
 Donna Srafi Starlzen, Columbus
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 Debra Lynn Stefanik, Parma Heights
 Lissa Liann Steiner, Wapakoneta
 Susanne Lee Stevens, Kettering
 Rex J. Stevenson, Utica
 James William Stoll, Lima
 *Patricia Amburgey Stone, Columbus
 William Joseph Stover, Worthington
 William David Stratton, Columbus
 Susan Margaret Streff, Youngstown
 Michele Stroup, Dayton
 Linda Marie Studen, Reynoldsburg
 Diane Lynn Sturgill, Toledo
 David Steven Sullivan, Columbus
 Barbara Carter Swonger, St. Paris
 Nancy Lynn Syljebek, Columbus
 Joseph James Szabo, Columbus
 Nancy Elizabeth Taggart, Springfield
 Thomas Anthony Taglione, Columbus
 Carol Elizabeth Taracko, Mansfield
 Jane Ellen Taylor, Ashland
 *Robin Lee Taylor, Milan
 Cathy Sue Teal, Dayton
 Jodi Ann Terry, Zanesville
 Nancy Ann Terveer, Alliance
 Nancy Jean Thompson, Pittsford, N. Y.
 Robert Richard Thompson, Columbus
 Alberta Luigina Totani, Salem
 Linda Brodnax Tracy, Orient
 Aimee Lou Truax, Grove City
 David Robert Truex, Brownsville
 Karen Lee Tura, Pepper Pike
 Michele Anne Tyrrell, Crestline
 Deborah Jean Unternaher, Newark
 Johanna Upthegrove, Washington C. H.
 David Donald Vaas, Ashland
 Anne Lawrie Valentine, Elyria
 Sue Price Valentine, Ashland
 Bob Vance, Columbus
 Kathleen Susan Vaughan, Cincinnati
 Marilyn Jane Vaughan, Chillicothe
 Denise Lynn Vaughn, Worthington
 Joseph John Vietmeier, Lisbon
 Kimberly Jane Vlasich, Columbus
 Lee Ann Voeller, Worthington
 Shanna Cessily Voke, Urbana
 Carl Joseph Volpe, Columbus
 Victoria Hope Volpe, Columbus
 Dennis Lee Wade, Columbus
 Debra Jo Waldron, Stow
 Pamela Joyce Walker, Parma
 Deanne Lou Wallace, New Albany
 Deborah Jean Wallace, Bellefontaine
 Cynthia Ann Weimer, Lakewood
 Diana Lee Welsh, Columbus
 Karen Sue West, Columbus
 Debra Lee White, Worthington
 Linda Lee White, Columbus
 Frederick Cookson Whiteman, Columbus
 Michael Patrick Whitman, Sylvania
 Carolyn Sue Wickham, Wadon, W. Va.
 Clyde E. Wilhelm, II, Columbus
 Susan Nadine Willer, Vickery
 Sheryl Joan Willson, Mt. Blanchard
 Bryan Keith Wilson, Jackson
 Nancy Kay Wilson, Columbus
 Jane Wittich, Mt. Sterling
 John Mayo Wood, Wellington
 Adelheid Evelyn Wooley, Columbus
 Denise Marie Wright, Columbus
 Kathy Ann Wright, Zanesville
 Lee Wayne Wright, Columbus
 Kathryn Ilene Wyndham, Gahanna
 Bruce Alan Yance, Dillonvale
 Carolyn Gail Yarros, Dayton
 Vicki Lee Yeager, Hudson
 Theodore James Yenny, Strasburg
 *Douglas Paul Yurovich, Lorain
 Barbara Jane Zimmerman, Worthington
 Jerry Allen Zimmerman, Waynesfield

Bachelor of Art Education

Kandy Kay Barber, Springboro
 Carol Cruickshank, Columbus
 Margaret Lynn Darby, Columbus
 Jo Ellen Furney Dreve, Columbus
 Mary Beth Evans, Circleville
 Barbara Jill Gibbs, Columbus
 Peggy Ann Harden, Mt. Sterling
 Jennifer Ann Hein, Coldwater
 Brenda Faye Hogue, Newcomerstown
 Sandra Kay Johnson, Westerville
 Jill Christine Mackey, New Martinsville
 Johnny Alan McMichael, Bowling
 Pamela Jane Reed Nichols, Seaman
 Michael Edmund Schneider, Columbus
 Kenneth Edwin Stevenson,
 Canal Winchester
 Kraig A. Tallman, Worthington

Bachelor of Music Education

Allan Luther Ball, Westerville
 Earl Crafton Beck, III, Memphis, Tenn.
 *Richard Burke Blocher, Parthington
 Douglas Edwin Brooker, Winterville
 Carolyn Elizabeth Brown, Columbus
 Lucinda Jane Busler, Carrollton
 Deborah Jeannine Fisher, Lancaster
 Karen Young Fleeman, Columbus
 Cathy Cooper Freisthler, Lima
 Robert Leroy Freisthler, Botkins
 Carol Louise Furbay, Winterville
 Jeffrey D. Gallagher, Columbus
 *Susan Jane Garrison, Columbus
 Michael Aloys Giere, Minster
 *Stephen D. Grugin, Lexington, Ky.
 Pamela Joy Hake, Columbus
 *Nancy Lee Hanna, Pittsburgh, Pa.
 *Wesley Alan Henry, Newark
 Dale Allyn Hildebrand, Avon
 Daniel Irwin Hurlow, Mt. Vernon
 Margaret Suzanne Irwin, Marysville
 Ruth Elaine Jenkins, Youngstown
 Dennis Wayne Kaber, Mansfield
 Linda Sue Klepsies, Akron
 Kent David Larmee, Columbus
 Charles S. Leedle, Springfield
 Jane Troike Leidehiser, Powell
 Patrick Mack Lewis, Hilliard
 J. Mark Lowe, Canton
 Michael Edward Lutz, Columbus
 William Richard Lutz, Zanesville
 Kathleen Sue Narcross, Columbus
 Sarah Ellen Ostrander, Mt. Vernon
 Jayne Lynne Peltzke, Columbus
 Roberta Baszuk Pleas, Cleveland
 James Richard Rupp, Canton
 Laura Marie Sandrew, Lorain
 Sharon Elizabeth Smith, Columbus
 Kallette Muri Spaeth, Columbus
 Judith Ann Spoerr, Milan
 Howard Leroy Stephens, Columbus
 Marka Bagatz Stullings, Columbus
 Gary Alan Vebanz, Strongsville
 Timothy Paul Wallick, Columbus
 David Otto Woike, Columbus

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

William Clark Alford, Galloway
 Mark Duncan Bass, Lebanon, Tenn.

Lisa Anne Burggraf, Columbus
 Steven Michael Carmen, Columbus
 Jesús Correa, Caracas, Venezuela
 Merrileta F. McAfee, Collinsville, Okla.
 R. David Witchey, Shelby

Bachelor of Science in Agricultural Engineering

Dan Coopperider, Thornville
 Scott Timmons Harmount, Circleville
 Jerome Joseph Kovar, Delta
 Andy Keith Lichtensteiger, Ohio City
 Cathy Jean Rodabaugh, Forest
 Bruce Wilbert Wakefield, Alliance

Bachelor of Science in Ceramic Engineering

Patricia L. Blann, Egg Harbor, N. J.
 Ronald Scott Cowman, Dayton
 Carmine Michael Doddato, Columbus
 Jay Robert Fuller, Sandusky
 Janis Ann Hale, Euclid
 J. D. Harriman, II, Jewett
 William Sungil Hong, Worthington
 Thomas Edward Keener, Dover
 Richard Fedele LaBruno, Campbell
 Susan Lynn Mancey, New Philadelphia
 Bonnie Mar, Columbus
 *Michael George Montgomery, Canton
 Dale Roger Niebur, Monroe
 Steven Kay Norman, Cohocton
 Deanna Jan Rogers, Columbus
 Laurel Moree Sheppard, Parma
 Mark Joseph Singer, Columbus
 Scott Allen Stanley, Kettering
 Lex Eugene Vinsel, Zanesville
 Ken Williams, Columbiana

Bachelor of Science in Chemical Engineering

Brent Alan Aleshire, Springfield
 William Kenneth Armagost, Jr.,
 Worthington
 Tom H. Asimou, Lorain
 James Lee Buchwalter, Canal Winchester
 Kevin Richards Cole, Warren
 Steven Martin Dreher, Strasburg
 David Wayne Dunn, Mansfield
 Alan Leo Fisk, Jr., Manhasset, N. Y.
 David Matthew Frederick, Westerville
 Kurt Allan Goehring, Lorain
 Charles Lynn Heskett, Jr., Bethesda
 Martin Keith Hitchcock, Heath
 Judy Ann Hoffman, Marblehead
 Beverly William Housley, Hazelwood, Mo.
 Timothy Michael Kellogg, Rome
 John Francis Kreinbrink, Findlay
 Darice Ann Majowski, Maple Heights
 James Edward Maldovan, Parma
 Thomas Noble Martin, Columbus
 Joseph Matachik, Euclid
 Paul Joseph McGowan, Knoxville, Tenn.
 Karen Theresa Murphy, Cuyahoga Falls
 John David Neely, Cincinnati
 Gary Steven Phillips, Montgomery
 Ronald Craig Reynolds, Orrville
 Scott David Reynolds, Youngstown
 David Michael Schilling, Cincinnati
 Inger Johanne Schutiz, Columbus
 Paul Joseph Schumaker, Oregon
 Robert Scott Schuster, Columbus
 Craig William Sherban, North Canton
 Kevin Andrew Skrada, Cleveland
 D. Kevin Snowden, East Liverpool

- 1 Also Bachelor of Arts, Colleges of the Arts and Sciences
- 2 Also Bachelor of Science, Colleges of the Arts and Sciences
- 3 Also Bachelor of Music, Colleges of the Arts and Sciences
- 4 Also Bachelor of Science in Metallurgical Engineering, College of Engineering

Jeffrey Charles Spangler, Grove City
 Carl John Stehulak, Minerva
 Barry James Steinmetz, Mt. Vernon
 Kenneth Robert Tuuri, Chesterland
 Ronald David Vleck, Parma Heights
 Michael Wayne Weber, Fairfield
 Tad K. Williams, Amherst
 Bruce James Wilson, Mentor
 Keith Douglas Wisecarver, Columbus
 Janet Marie Worley, Dayton
 Jane Elizabeth Zilka, Cleveland Heights
 Martin Ignatius Zilka, Avon
 Keith Alan Zimmerman, Cincinnati

Civil Engineer

Roy Dale Blessing, Brookville

Bachelor of Science in Civil Engineering

Dara Ahmadi, Tehran, Iran
 Bernadette E. Bick, Norwalk
 Steven James Brandt, Xenia
 Steven Dean Cherryholmes, Ottawa
 William Leonid Christensen, Bowling Green
 Regina Cik, Cleveland
 Harlan Gary Cohen, Columbus
 Hassan Mohamad Daabas,
 Beirut, Lebanon
 Gregory Bruce Damico, Mingo Junction
 Gary Bruce Davis, Columbus
 Roger Albert Faulkner, Urbana
 Tom Allen Fox, Columbia Station
 Eugene Charles Geiger, Bellevue
 Douglas Kenneth Green, Bridgeport
 James Robert Hill, Wilmington
 Roger Craig Huff, Dresden
 Kurt Roy Keidel, Bay Village
 Edward Walter Klassen, Bellefontaine
 Timothy Joseph Knapp, Columbus
 David Charles Krier, Columbus
 Timothy Russell Lane, Columbus
 Steven Robert Leyer, Cuyahoga Falls
 Robert Vincent Leonelli, Jr., Lakewood
 Mark William Litter,
 Pamela Jane Long, Upper Sandusky
 Frank Joseph Markunas, Boston Heights
 Donald Edgar Montgomery, Groveport
 Thomas Eugene Mowery, Tiffin
 Kimberly Louise Murray, Parma
 Joel Nedrow, Mansfield
 James Amato Petrosky, Wadsworth
 David Brown Powers, Canfield
 Joan M. Rock, Cakmann
 Ahmed Mohammad Said, Palestine, Lebanon
 Thomas Paul Sarafin, Columbus
 David Michael Schira, Columbus
 Michael Lee Schneider, Worthington
 Christopher Joseph Schwarz,
 St. Louis, Mo.
 George Wesley Schweitzer, Dayton
 James Allen Shonkewiler, London
 William McKentzie Swiger, Worthington
 Steven Joseph Sziraki, Mansfield
 Robert Edwin Van Evra, III, Lancaster
 Jeffrey Allen Vaughn, St. Clairsville
 Kathleen Elizabeth Vigh, Cincinnati
 Richard Wayne Warden, Columbus
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 Carl Jeffrey York, Canal Winchester

James A. Davenport, Jr., Columbus
 Dale Lee Dinwiddie, Buckeye Lake
 Gene Edward Eakins, South Charleston
 Richard Lee Gutridge, Thornville
 John C. Hayes, Sylvania
 Michael Patrick Hayes,
 Prairie Village, Kans.
 Randall Scott Hoff, Napoleon
 Stephan Price Bell Horlak, Columbus
 Deborah Ann Howard, Columbus
 Stanislaw Eliezer Kleszczelski, Columbus
 Thomas Kevin Ryan, Kettering
 Anne West Schneider, Attica
 John Herbert Smith, Chillicothe
 William David Watson, Columbus
 Henry Isadore Widman, University Heights

Electrical Engineer

Robert Leon McDonald, Fairborn

Bachelor of Science in Electrical Engineering

Albert Gustaf Anderson, Ashtabula
 Brian Eric Bader, Troy
 Barry Nace Berdaniel, Shelby
 William David Boller, North Canton
 Richard Jonathan Dottermusch, Aurora
 Janet Lynn Dukes, Enon
 Randall Nicholas Dunnington, Gahanna
 David Alan Elliott, Plantation, Fla.
 Douglas Dale Fosselman, Columbus
 Steven Michael Fox, Worthington
 William Bennett Fox, Novelty
 Larry Howard Frew, Westerville
 Charles Russell Green, Cincinnati
 Adeb Alex Hamzey, Columbus
 Richard Thomas Hennegan, Alexandria, La.
 Patrick Joseph Kennihan, Valencia, Pa.
 Randall Eugene Kerns, Washington, Pa.
 Donald James Kerr, Jr., Youngstown
 Jamal Khulusi, Beirut, Lebanon
 Jack A. King, Alliance
 Stanislaw Eliezer Kleszczelski, Columbus
 Mark George Knebusch, Bay Village
 Ralph William Kneifel, II, Cincinnati
 Pao Li Kung, Columbus
 Mark Kuznetsov, Columbus
 David Dale Larson, Columbus
 Guenter H. Lehmann, Hoffman Estates, Ill.
 John L. Martz, Jr., Columbus
 Gregory Clyde Mazza, Bethel Park, Pa.
 Richard Casper Meyer, Columbus
 Vesper Tortor Owei, Lagos, Nigeria
 Richard A. Petrosky, Niles
 David Wayne Potter, Columbus
 David Allen Pritchard, Mansfield
 Mark Angelo Quaglin, Tiltonville
 Mark Andrew Salser, Columbus
 Thomas L. Shaw, Columbus
 Daniel Eugene Snyder, Springfield
 Lowell James Stewart, Xenia
 Michael Lewis Taulbee, Middletown
 John Joseph Volanski, Painesville
 David Oman Warner, Ashville
 Richard Owen Watkins, Westerville
 Scott Charles White, Columbus

Bachelor of Science in Engineering Physics

Susan Carol Baruch, University Heights
 Donald Carl Harris, Columbus
 Michael S. Mendicino, Parma

Bachelor of Science in Industrial and Systems Engineering

Olusegun Gabriel Akanbi,
 Oyo State, Nigeria
 Anthony Robert Chirakos, Elkhart, Ind.
 James Michael Confer, Springfield
 Steven Lynn Cooper, Defiance
 Daniel Steven Davidson, Findlay
 Susan Marie Dietrich, Bowling Green
 Douglas Aaron Dillie, Clayville, Pa.
 Nicholas Craig Farber, Columbus
 Paul Glenn Ford, Grove City
 Gerardo Manuel Garcia-Abascal,
 Mexico City, Mexico
 Thomas William Gormley, Columbiana
 Wayne Howard Johnson, Columbus
 Jane Ann Lanz, Cincinnati
 Adolfo Silva Leal, Sandusky
 Kevin Richard Leddy, Hamilton, Ontario
 Robin Leigh McCallister, Toledo
 David William McCune, Columbus
 Ronald Douglas Meyers, Columbus
 Mark Eugene Nutter, Lancaster
 Steven Floyd Reed, Cincinnati
 Jeffrey Lynn Salver, Newark
 Steven John Schira, Fairborn
 David Eric Shadley, Alger
 Isidoros Samuel Tiano, Athens, Greece
 Joseph Earle Wasserstrom, Toledo
 Pamela Jean Williamson, Mansfield
 Mark James Winstel, Columbus
 Robert Louis Wirth, Jr., Parma

Bachelor of Science in Mechanical Engineering

George William Andrews, Jr., Cincinnati
 Mark Allan Avery, Bowling Green
 Paul David Ballard, Milford, Conn.
 Kenneth Paul Baranek, Maple Heights
 Denis Eldon Barry, Columbus
 Thomas Christopher Berens, Columbus
 Kirk Wayne Carlson, Chagrin Falls
 James R. Casciani, Ashland
 Hugh Clark Coffman, Avon Lake
 Michael Ray Crow, Middletown
 David Clarence Cummins, Wooster
 Mark Francis Fillingim, Lockbourne
 Michael Kurt Forry, Upper Arlington
 Robert Alan Fortman, Ottawa
 David William Gear, Cincinnati
 Donald Raymond Gebhardt, Milford
 Randy William Hemker, Ft. Jennings
 Ronald Larry Hyatt, Mt. Vernon
 James M. Iscovitch, Westerville
 Ted Michael Jastal, Maple Heights
 John Craig Kammeyer, Lima
 William Michael Kolarik, Columbus
 Michael David Kurre, West Chester
 Silas Todd Minnick, Sarver, Pa.
 William Norman Moore, Jr., Peninsula
 Gary Helmut Paeltick, Solon
 Thomas Ward Parker, Maineville

Bachelor of Science in Computer and Information Science

Gary Lee Anna, Columbus
 Brian Edward Bailey, Cincinnati
 Sally Anne Cleary, Chagrin Falls

- 1 Also Bachelor of Science in Computer and Information Science, College of Engineering
- 2 Also Bachelor of Science in Electrical Engineering, College of Engineering
- 3 Also Bachelor of Science in Surveying, College of Engineering

Marcus Daniel Presar, Columbus
James Randa, Wooster
Scott Eugene Rohrbach, Thornville
Brett Leland Sarmento, Sylvania
Gary Lee Schaefer, Hannibal
Dennis Richard Schiely, Worthington
Randy Scott Stemen, Canal Winchester
Donald Ward Stevens, Youngstown
Edward Joseph Stifter, Chesterland
Allan Bruce Szenas, Mount Vernon
William Anthony Thomas, Columbus
Donald Blaine Thornton, Columbus
Bruce Arthur Wagner, Navarre
John Patrick Walker, Wright Patterson
Air Force Base
Thomas Michael Walliser, Tiffin
William Gregory Whipple,
Lyndonville, N. Y.
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Bachelor of Science in Metallurgical Engineering

Paul Henry Allen, Columbus
Cynthia Lynn Benedict, Blacklick
Walter Joseph Beringer, Dayton
Edward Earl Bosken, Cincinnati
James Anthony Carosiello, Wellsville
David Walter Gusching, Sidney
Deborah Ann Kramer, Euclid
John Richard Krotz, Broadview Heights
Clarence David Lewis, Franklin
Scott Edward Livingston, Vandalia
Michael George Montgomery, Canton
John Eric Newman, Columbus
George Alan Paraskos, Columbus
Steven Domonic Piciachio, Brewster
Anthony Paul Toth, Ambridge, Pa.
Bruce David Williamson, Proctorville
Wade Steven Wright, Hamilton

Bachelor of Science in Surveying

*George Wesley Schweitzer, Dayton
*James Allen Shonkwiler, London

Bachelor of Science in Welding Engineering

Bruce Neil Ames, Waynesville
Patrick Lee Boster, Gallipolis
Daniel Lee Fondriest, Dover
Paul Walker Huffman, Cincinnati
Virgil L. Lewis, Columbus
Scott Jeffrey Marburger, Columbus
Charles Donald Petrick, Jr., Euclid
David Foster Powell, Worthington
James Michael Rappleye, Horton, Mich.
James Douglas Risbeck, Damascus
Jeffrey Hess Shaffer, Gales Ferry, Conn.
Barth Jon Smith, Wooster
David Edwin Snider, Cuyahoga Falls
Timothy Kinch Steingass, Columbus
Keith Alan Wanner, Columbus
John Kevin Watson, New Concord
Walter Ray Whitman, Columbus
James Thomas Worman, Gahanna

Bachelor of Science in Architecture

David Bunnell Bradford, Glenview, Ill.
James Edward Bragg, Chicago, Ill.
Lynne Bright, Columbus

Paul Leonard Brunshi, Carlisle, Pa.
Richard Gregory Butz, Circleville
Carl Yuen-Kwang Chan, Baltimore, Md.
Yun Gill Chung, Columbus
Kevin Eric Collander, Columbus
Peter Sims Confar, Columbus
Kevin John Costelloe, Rumson, N. J.
Ruben DerGrigorian, Tehran, Iran
Ted Alan Donnell, Columbus
James Thomas Eckstein, Westerville
Joseph John Erdeljac, Jr., Dover
Andrew John Gallagher, Wilmington, Del.
Richard Joseph Gorman, Vermilion
Thomas Eugene Goubeaux, Annandale, Va.
Andrew Dalton Green, Delaware
Douglas Richard Haynes, Elyria
Scott Alan Hemlock, Cleveland Heights
Jeffrey Alan Henderson, Willoughby
Diana Marie Hewlett, Cincinnati
Donald Alexander Highlander, Castalia
Steven Michael Howard, Middletown
Steven Hubbard, Cincinnati
Kurt Christian Hunker, Columbus
Amalia Maria Iglesias, Worthington
Jeffrey Alan King, Centerville
Steven Michael Kopf, Toledo
Dallas Lauderdale, Jr., Shaker Heights
David Jay Lee, New Orleans
Wesley Eldred Legg, Bexley
Sarita Beth Levine, Springfield, Va.
Richard Kenneth Levitz, Columbus
Phillip Samuel Libassi, Parma
Todd Michael Marker, Columbus
Benjamin Bettner McDaniel, Golts, Md.
Steven Daniel Moore, Bryan
Kim I. Myers, Columbus
Arthur Edward Ott, Jr., Parma
Ellen Sue Perko, Sudbury, Mass.
Dennis Lee Perry, Jackson
John Michael Piccirillo, Dumont, N. J.
John Phillip Rapp, Columbus
Frank Jeff Rawding, Convent, N. J.
John Joseph Reagan, Parma
Randall Harvey Reger, Kettering
Mark Conrad Regulinski, Dayton
Barry Russell Rude, Falling Waters, W. Va.
William Walter Schwieger, Amherst, N. Y.
Joseph Ernest Siladi, Stamford, Conn.
William Joseph Simmons, Eaton
Dean Robert Sivinski, Columbus
John Andrew Slettabak, Worthington
Jeffrey Walter Snively, East Canton
David Lindsay Stoll, Cincinnati
John Stephan Sylva, Columbus
Luis M. Torres, Columbus
Stephen Edward Trout, Groveport
Susan Leslie Turner, Beachwood
Scott Morgan Wachter, Cuyahoga Falls
Linda Ellen Waterhouse, Columbus

Bachelor of Science in Landscape Architecture

Daniel John Beach, Defiance
David Paul Berarducci, Plainville, Conn.
Albert James Brewster, IV, Akron
Thomas Marx Caruso, Circleville
Thomas Michael Dunlap, Winterville
Robert Paul Grinch, Dublin
Dana Robin Havens, Columbus
James Moulton Houk, Toledo
David Thomas Humphrey, Columbus
Gregory Walter Johnson, Glendale, Ariz.
Karen Louise Johnson, Martins Ferry
William Joseph Killmer, North Royalton
Ronald Drew Kopf, Worthington
Susanne Marie McGuire,
Johnson City, N. Y.
William Philip Meyer, Glen Head, N. Y.
Coleman Morris, Jr., Frederica, Del.
Carol Emma Muller, Miller Place, N. Y.
Joseph Oland Neiford, Elida
Terri Lynne Ostroff, Youngstown
David Scott Pandolfi, Canton
Gayle Elizabeth Poole, Columbus
Rita Louise Roppolo, Columbus

Gregory Timothy Scianamblo, Centerville
Danny Lee Shepherd, Columbus
Matthew Scott Shina, Sewickley, Pa.
Robert Ben Silla, Lyndhurst
Scott Edmond Smith, Findlay
Scott Eugene Sonnenberg, Columbus
Gary Lee Stewart, Elyria
Richard Douglas Tomko, Pepper Pike
Brent Douglas Tyrell, Ontario, Canada
Roderick Cahill Vosper, Steubenville
John Charles Wagoner, Middletown
Charles Albert Way, Stanley, N. Y.
Bernard Robert Wenzig, Pittsburgh
Earl Lincoln Witsaman, Stow

College of Law

Dean: James E. Meeks

Juris Doctor

Mark Robert Adams, Worthington
B.A. (Michigan State University)
Raymond Dale Anderson, Carrollton
B.A. (Marietta College)
Thomas Dale Anderson, Ashtabula
B.A. (Mount Union College)
Jean Ella Atkin, Bowling Green
B.S. (Bowling Green State University)
Gerald Jay Babbitt, Columbus
B.S. (Miami University)
Robert Joseph Babcock, Cleveland
B.A. (University of Dayton)
James Ronald Bacha, Youngstown
B.A. (Kenyon College)
Shelagh Cassidy Baker, Columbus
B.A. (Fairleigh Dickinson University)
Edward Phillip Ballinger, Columbus
B.A.
Pamela Maggied Barth, Marion
A.B. (Ohio University)
Mark William Bean, Findlay
B.A.
James Humphrey Becht, Akron
B.A. (Duke University)
Samuel Wayne Benedict, Columbus
B.A. (Miami University)
Irving Harold Berliner, University Heights
B.A. (Miami University)
Robert Morris Bernard, Columbus
B.A.
Thomas Irven Blackburn, Columbus
B.S.
William Ernest Blackie, Lakewood
B.A. (Ohio Wesleyan University)
Jordan Lewis Bleznick, Cincinnati
B.A. (University of Cincinnati)
Richard Charles Blower, Grove City
B.A. (University of Notre Dame)
Theodore Allen Bowman, Columbus
A.B. (Earlham College)
Richard Howard Brody, Steubenville
A.B. (Harvard College)
Timothy Ray Brookes, East Liverpool
B.A. (Kent State University)
* Also Bachelor of Science in Ceramic Engineering,
College of Engineering
* Also Bachelor of Science in Civil Engineering,
College of Engineering

Bruce Frederick Browder, Columbus
B.A.

Alan Irving Brown, Dayton
A.B. (Indiana University)

Jeffrey Monet Brown, Worthington
B.A. (Wittenberg University)

Blaise Brucato, North Randall
B.B.A. (University of Miami)

Kimball Hitz Carey, Arcanum
B.A. (Wittenberg University)

Richard Stephen Carey, Leetonia
B.S.Bus.Adm.

James Joseph Chrisman, Sidney
B.S., B.A.

Marcia Lee Clegg, Clarington
B.A. (Muskingum College)

Daniel Oliver Conkle, Columbus
B.A.

Paula Terese Cotter, Lancaster
B.A.

Donald Andrew Cox, Gallipolis
B.S. (Rio Grande College)

Martha Jean Crossen, Iola, Kans.
B.S. (Kansas State University);
M.S. (Iowa State University)

Carol J. Cusick-Simons, Dayton
B.A. (Saint Mary's College)

Christopher Paul DeLaCruz, Waynesburg
A.B. (Dartmouth College)

Thomas Demitrack, Denville, N. J.
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 Jo Ellen Jordan, Eaton
 Lucille Marie Kaminski, Parma
 Nancy Marie Kammer, Dayton
 Linda Sue Katz, Toledo
 John Benedict Kennedy, Jr., Springfield
 Diane M. Kimmel, Elyria
 William Jeffrey Kirk, Bellefontaine
 Vivian Lynn Kish, Roseville
 Julie Anne Klug, Cincinnati
 Barbara Louise Kozar, Chillicothe
 Teresa Marie Krall, Avon
 Nanette Marie Kupper, Hamilton
 Mary Elizabeth Lang, Parma
 Beth Ann Lee, Dublin
 Lynette Kay Leffel, Wapakoneta
 Virginia Marie Lesiak, Parma
 Ardythe Lynne Lester, Silver Spring, Md.
 Margaret Mary Leuser, Elyria
 Andrew Cho-Sin Li, Columbus
 Carolyn Black Livergood, Columbus
 Sharon Rose Longstreth, Zanesville
 James Dean Mae, Clarkburg
 Robert Earle Mace, Columbus
 B.S. (Kent State University)
 Robyn Lynn Mahlerwein, Cincinnati
 Glenda Kay Maines, Columbus
 Regina Marie Malloy, Columbus
 Lisa Anne Mang, Massillon
 Shelley Kay Mathey, Homeworth
 Timothy Charles McCombs, Columbus
 Susan Middelberg Merriman, Milford
 Jean Ann Michelson, Mayfield Heights
 Patricia Lynn Miller, Hudson
 Scott Stevens Miller, Columbus
 Toni Ann Mitchell, Lima
 Robert Todd Monroe, Washington C. H.
 B.A. (St. John Fisher College)
 Jeannine Moore, Columbus
 Phyllis Ann Moran, Westerville
 Molly Ann Mulligan, Wooster
 Theresa Mulvaney, Wooster

Lynne Louise Murphy, New Philadelphia
 Kay Evelyn Newton, New Lexington
 Barbara Ann Odaka, North Olmsted
 Debra Kay Ogden, Wooster
 Danny Clair O'Hara, Columbus
 Kenneth Wayne Ollish, Cincinnati
 Kelly Jean O'Neil, Lyons
 Gretchen Winifred Owen, Boardman
 Joy Marie Parker, Canfield
 Virginia Ann Partyka, Lorain
 Linda Jo Patrick, Marion
 David Scott Peloquin, Genoa
 Brad Kelton Pence, Columbus
 Cindy Kay Penzenik, Akron
 Susan Gail Peters, Kettering
 Carolyn Ann Primm, Columbus
 Rebecca Rae Ritchey, Columbus
 Gregory Stephen Roth, St. Clairsville
 Susan Elizabeth Roush, Bloomville
 Janis Ellen Ruff, Oak Harbor
 Mary Kathryn Russ, Cincinnati
 Stephen Marc Sallada, Fairfield
 B.A. (Miami University)
 Ellen Kay Sawaya, Mt. Vernon
 Ellen Frances Schaa, Columbus
 Barbara Avery Schachenman,
 East Lansing, Mich.
 Rosemarie Ann Schmit, Coldwater
 Mary Ellen Schrob, Dayton
 Cheryl Lee Scribner, Akron
 Mary Kay Shevelov, Miamisburg
 Blane David Sommer, Dalton
 Nancy Ann Sommer, Warren
 Richard Barry Sovacool, Cuyahoga Falls
 B.S. (University of Akron)
 Anita Marie Staubech, Cincinnati
 Donald Larry Stredney, Ashtabula
 Janet Kay Swinney, Dayton
 Russell Leon Sydlowski, Rayland
 Deborah Jean Taylor, Euclid
 Barbara Jean Thomas, Cincinnati
 Marcia Jean Thompson, Fairfield
 Chariette Barbara Tomko, Parma
 Deborah Anne Tomlin, Warren
 Cynthia Lee Tope, Waterville
 Regina Marie Troha, Cleveland
 Barbara Jane Henry, Massillon
 Suzanne Elizabeth Vogel, Girard
 Dennis Charles Vogt, Columbus
 Samuel Robert Volpe, Lakewood
 Jagruti R. Vyas, Columbus
 Marcia Lynette Waibel, Cincinnati
 Carole Diane Walczak, Parma
 Deborah Sue Walters, Mingo Junction
 Jo Vanice Walters, Norwalk
 Carol Lynn Warsetsky, Somerset, N. J.
 Jody Diane Westfall, Marysville
 Mary Ann White, Convoys
 Christine Krayner Winkelmann, Rocky River
 Daniel Andrew Winkler, Canfield
 Linda Mae Woodcock, Cincinnati
 Kathleen Antoinette Zemanek, Lorain
 Brian L. Zimmerman, McDonald

Certificate of Post Baccalaureate Medical Illustrator

José M. Garabis, Columbus
 B.F.A.
 Nancy Heim Stokes, Columbus
 B.A. (University of Kentucky)

Certificate of Post Baccalaureate Medical Technologist

Kathryn Diane Lindsay, Columbus
 B.A. (Miami University)

School of Nursing

Bachelor of Science in Nursing

JoDee Elizabeth Ahrens, Toledo
 Angela Lou Allion, Bloomdale
 Erin Alexis Anderson, Chillicothe
 Martha Jane Baker, Chardon
 Donna Maria Berger, Versailles
 Rebecca Ann Best, Upper Arlington
 Sandra Birnbaum, Marion
 Nancy Lynne Boxler, Parma Heights
 Debra Lynn Brooks, Butler
 Cynthia Marie Bush, Gatesmills
 Karen Sue Campana, Amherst
 Lydia Sanders Carr, Columbus
 Janet Louise Ceryan, Youngstown
 Barbara Sue Chupka, Milford
 Nancy Leigh Conrad, Bay Village
 Susan Annette Corna, Portsmouth
 Jane Ann Courtney, Ravenna
 Diane Leigh Cunningham, Cincinnati
 Lorraine Marie Dankowski, Galion
 Lynn Ann DeVoe, Columbus
 Deborah Marie Dulaney, Columbus
 Ann L. Dunstan, Elyria
 Martin Coe Eldredge, Chardon
 Barbara Mae Emrick, Dayton
 Deborah Rae Farrell, Heath
 Julia Lynn Fino, Columbus
 Gretchen Crawford Fisher, Hingham, Mass.
 Emily Mary Forrester, Toledo
 Constance Beth Fox, Napoleon
 Jennifer Ann French, Jackson
 Nora Beth Friedman, South Euclid
 Nanette Gail Gage, Pickerington
 Jill Anne Gavinaki, Columbus
 Cheryl Ann Goldman, Cleveland
 Mary Ann Golubski, Cleveland
 Susan Carol Good, Columbus
 Dorothy Mallett Grandey, Strongsville
 Karen Ann Green, Akron
 Gail Bonny Greenblatt, Beachwood
 Cindy Kay Guess, Carrollton
 Karen Holford Gwynne, Columbus
 Joan Lynn Hannon, Gallipolis
 Angela Renee Harris, Columbus
 Jenelle Leigh Harrod, Lima
 Leslie Dawn Hazel, Cortland
 Roberta Jean Hecker, Westerville
 Regina Mae Heiser, Columbus
 Barbara Jane Henry, Massillon
 Thelma Marie Hess, Columbus
 Pamela Lynn Hickey, Cleveland
 Jacqueline Marie Hibiash, Columbus
 Nancy Jean Hockenberry, Dayton
 Carol Joan Hoenie, Dayton
 Kimberly Ann Hofius, Mineral Ridge
 Susan Hsia, Kettering
 Laurie Jean Humphreys, Delaware
 Cathleen Marie Husek, Bellair
 Arlene Gardner Jacobs, Gnadenhutten
 Wendy Ann Jones, Powell
 Jayne Ann Kahle, Findlay
 Teresa Lee Kahlson, Delaware
 Mary Lynne Klopfenstein, Crestline
 Julia Anne Kotnik, Cleveland Heights
 Gayle Ann Kraushar, Cincinnati
 Karen Marie Lamantelli, Toronto
 Jean Kay Lantis, Archbold
 Mallory Raye Lloyd, Cincinnati
 Nancy Ann Lyle, Westlake
 Daurice Ann McCullough, Whitehall
 Patricia Ann Magnone, Cleveland
 Mary Diane Mahoney, Columbus
 Randall Dean Martin, Defiance
 Janice Lee Marxen, Pickerington
 Pamela Anne Massarelli, Poland
 Colette Janine Massey, Columbus
 Ricky Jon Mathes, Cincinnati
 Laura Sue Meyer, Hicksville
 Cathy Anne Miller, Columbus
 Giustina Marie Miller, Canton
 Charlotte Orthoefer Mills, Westerville
 Laura Marie Monnin, Lebanon

Janine Ruth Morris, Wheelersburg
 Susan Andrews Murray, Lyons
 Elva Grace Nevil, Peebles
 Karen Marie Nofzinger, Oregon
 Robin Lynn Noll, Zanesville
 Mary Beth O'Connor, Columbus
 Cheryl Jean O'Donnell, Medina
 Paula Owens, North Canton
 Natalie Daria Panasiuk, Waynesburg
 Vicky Lynn Parobeck, Cleveland
 Deborah Jane Petrenko, Parma
 Patricia Michele Pozderac, Garfield Heights
 Keith Alan Ramey, Columbus
 Nancy Ann Reamer, Tiffin
 Elizabeth Marie Reynolds,
 Charleston, W. Va.
 Karen Anne Rice, Coshocton
 Phyllis Jean Richardson, Mount Sterling
 Annette Joy Ritter, Columbus
 Peggy Lynn Roberts, Lima
 Lynette Frances Rodgers, Cincinnati
 Connie Ann Roe, Bucyrus
 Melba Michele Rohreck, Tiffin
 LaJaunna Rumph, Hamilton
 Kathy Mae Rutledge, Orrville
 Judith Adams Ryan, Columbus
 Bella Atlantica Rzepka, Cleveland Heights
 Lisa Marie Sarafin, Mansfield
 Debra Whitaker Savage, Kettering
 Patricia Ann Schneider, Hudson
 Alisa Mildred Schreck, Hilliard
 Luann Sue Schuerman, Pemberville
 Melinda E. Shaftner, Springfield
 Daniel Joseph Sifferlin, Shelby
 Dana Ann Sileo, Parma
 Maryellen Sims, Cleveland
 Kathleen Copenhaver Sipe, Worthington
 Deborah Sue Skinner, Waverly
 Laurie Lehmann Skrada, Lyndhurst
 Elaine Smith, Cleveland
 Kathleen Sovich, Lyndhurst
 Diane Marie Stauffer, Massillon
 Christine Marie Swideraki, Lima
 Kathleen Kay Taylor, Wooster
 Virginia Lee Taylor, Columbus
 Monica Mary Terez, Maple Heights
 Karen Marie Terrell, Ashland, Ky.
 Susan Ellen Tomasevich, Parma
 Mitzi Gale Tong, Sinking Spring
 Jennifer Ann Uetrecht, Anna
 Cynthia Ann Unger, Rocky River
 Barbara Ann Uray, Parma Heights
 Karen Sue Vargo, Seven Hills
 Suzanne Kay Vaughn, St. Clairsville
 Eileen Cecelia Vorst, Kalida
 Barbara Ilene Wagman, Youngstown
 Cathleen Renee Walters, Hicksville
 Betsy Parkinson Warner, Columbus
 Joyce Patricia Westra, Shaker Heights
 Susan Elaine Wheeler, Barberton
 Carmel Therese White, East Liverpool
 Nancy Ann Wilson, Marion
 Kathy Jo Wisma, Urbana
 Beverly Jane Woodworth, Madison
 Apolonia Kosir Zakelj, Cleveland
 Martha Ann Zorko, Olmstead Falls

Richard Harris Billman, II, Jackson
 Robert Joseph Black, Piqua
 B.S., M.A.
 Steven James Blum, Osburn, Ida.
 Robert M. Brenner, Mansfield
 Gregory James Bruchs, Xenia
 Michael Ray Byars, Elyria
 Stanley J. Richard Cail, Richmond, Ind.
 B.S.
 Patricia A. Cassidy, Columbus
 B.S.
 Michael Edward Chester, Chillicothe
 B.A. (Miami University)
 Joel E. Cooley, Tiffin
 Paul John Costianes, Warren
 Michael Jay Crawford, Oregon
 James M. Curtis, St. Clair Shores, Mich.
 B.S. (Eastern Michigan University)
 John Richard Dobney, Wellington
 A.B. (Oberlin College)
 Kurt Louis Ebersole, Findlay
 B.S. (Bowling Green State University)
 Steven Michael Franz, Holgate
 Luke G. Fullenkamp, Coldwater
 B.S. (Bowling Green State University)
 W. Joseph Garvin, Shelby
 B.S.
 Daniel Louis Hallforth, Cincinnati
 B.S. (Georgetown College)
 Lucinda Poston Hathaway, Grove City
 Randall Robert Hieber, Bucyrus
 John L. Hines, Ashville
 B.S.
 Douglas Dwight Hocking, St. Clairsville
 Glenn Harold Hughes, Cincinnati
 B.S. (University of Cincinnati)
 James Eric Hull, Columbus
 B.S.
 David Gary James. Oconomowoc, Wis.
 Cynthia Julia Jemiola, Cleveland
 B.S. (John Carroll University)
 Margaret Jones Kissel, Westfield Center
 B.S.
 Michael Eugene Lawson, Vandalia
 B.S. (Miami University)
 Peter Darrell Liane, Fairborn
 James L. Marshall, Greenville
 Michael Jay McLane, Sidney
 Phillip John Michalos, Canton
 Michael Howard Moorehead, Zanesville
 B.S.
 Timothy Martin Morand, Cincinnati
 Carol Ann Novak, Cleveland
 B.S. (University of Dayton)
 Thomas James Overberg, Toledo
 Jerry R. Paugh, Toledo
 Constance Ready Purk, Columbus
 B.S. (Cleveland State University)
 Kenneth David Purk, Jr., Columbus

Thomas Gerard Quinn, Jr., Zanesville
 Steven Dale Roesch, New Lebanon
 B.A. (Taylor University)
 Michael Leonard Rowe, Reynoldsburg
 Herbert Joseph Shultz, Leetonia
 B.S. (Mount Union College)
 Mark L. Smith, Gallipolis
 Gregory Lynn Stephens, Enon
 Jeffrey Scott Stewart, Springfield
 B.S. (University of Cincinnati)
 Marcela Bozena Vizmuller, Brecksville
 David L. Waite, Columbus
 Robert Everett Woodruff, II, Mentor
 Richard Wayne York, Rockford, Ill.
 B.A. (Olivet Nazarene College)
 Douglas F. Zahler, Canton

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Mary Susan Adams, Cleveland Heights
 Janet Kay Addington, Portsmouth
 William Everett Addington, Oak Hill
 John Carl Appel, Youngstown
 Joel Allen Baringer, Columbus
 Diane Elizabeth Bartlett, Dayton
 Robert John Belloto, Jr., Struthers
 Gerhard Alexander Berberich, Mansfield
 Bruce William Black, Independence
 B.S. (Bowling Green State University)
 Lillian Zingales Blair, Columbus
 B.A. (John Carroll University)
 Suzanne Ruth Blazeski, Dillonvale
 Larry Andre Bond, Jacksonville Beach, Fla.
 William Joseph Brammer, Greenfield
 Douglas Dominic Buechter, Troy
 Margaret Ann Bush, Lyndhurst
 Mark Edward Byars, Elyria
 Patricia Diana Carey, Leetonia
 Carol Jean Carr, Mansfield
 David Leonard Carr, Jr., New Matamoras
 June Chen, Morgantown, W. Va.
 Craig Lee Clemens, Cortland
 James Dennis Coyle, Columbus
 Randall Scott Crawford, Upper Sandusky
 Cynthia Diamond, Cleveland
 Stephen Scott Dominy, Kettering
 Tina Marie Eversole, Columbus
 Stephen Edward Follrod, Pomeroy
 Stanford Lee Friedman, Chesterland
 Billie Sue Fritz, Freeburg, Md.
 Paula Ann Funk, Marietta
 Carolyn Louise Geier, Columbus
 Sandra Kay Girtton, Columbus
 Gail Ann Grayson, Cleveland Heights
 Anastasia Constantinos Gregoriou,
 Parma Heights
 Gene William Grove, New Middletown
 Kim Larie Hagey, Canton
 Todd Alexander Hampton, Akron
 B.S.
 James Francis Haninger, Columbus
 B.S.
 Alfred Joseph Hill, Jr., Columbus
 Philip Scott Holtzapfle, Columbus
 A.B. (Wheaton College)
 Mark William Johnson, Bellaire
 Rodney Henry Kalbus, Akron

1 Also Master of Science, Graduate School

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Cynthia Colby Axe, Charleston, W. Va.
 B.S. (Virginia Polytechnic Institute)
 William J. Benjamin, Jr., Findlay
 B.S.

Jacqueline Kan, Toledo
 Steven Kantara, Campbell
 Patrick Lewis Kelley, Hillsboro
 Gary Michael Kochak, Warren
 Gregory A. Laine, Conneaut
 Darlene Marie Leshinski, Lorain
 Thelma Kay Lewis, Columbus
 Lawrence James Lipp, North Canton
 Daryl Howard Makoff, Richmond Heights
 Cathy Ann Marshall, Cincinnati
 Fadia Najib Matouk, Chillicothe
 Leanne Kay Meyer, Mantua
 Julie Ann Minderman, Port Clinton
 Patrick Dean Mitro, Norwalk
 Earl Steven Molnar, Independence
 Barbara Jean Morrison, Ashland, Ky.
 Miriam Miu-Ling Mui, North Olmsted
 Donald Paul Nadzan, Cortland
 Johna Nemeth, Columbus
 Paul Anthony Nuzzi, Niles
 Karl Steven Pappa, Independence
 Ellis Howard Parish, Canton
 Jenny Louise Peters, Cincinnati
 Kathryn Elizabeth Phillips, Belpre
 Kim Wilson Pollock, Warren
 Catherine Ann Proch, Elyria
 Theresa Shepard Radabaugh, Newark
 Keith Arlyn Rea, Columbus
 Evelyn Sue Roemer, Elizabeth, Pa.
 Linda Louise Rogerson, Belmont
 Michelle Marie Rossi, Warren
 Dianne Kay Saunders, Scottown
 Jill Marie Schneider, Bellevue
 David Willis Shelly, Milford
 Gary Lee Shine, Warren
 Douglas Frank Smith, Columbus
 B.B.A. (Ohio University)
 Michael Bryan Stibelton, Poland
 Rayna June Strickland, Wheelersburg
 Barbara Ann Susyne, Seven Hills
 Dennis Frederick Thompson, Grove City
 Timothy James Thress, Cincinnati
 Barbara Joan Tozer, Lexington, Ky.
 James Maurice Trowbridge, Minford
 Melvin Eugene Wallace, West Lafayette
 B.S. (Ohio University)
 Lee Kurtis Werts, St. Marys
 Anne Marie Whalen, Fairlawn
 David Marshall Whetstone, Millersport
 Andrew Martin Whicker, Columbus
 Clifford Crandall Williams, Columbus
 Cynthia Marie Woodruff,
 Huntington, W. Va.
 Kimberley Lynne Wortendyke, Hamilton

Karen Lynn Call, Columbus
 Randal John Camps, Greenville
 Carol Sue Catozza, Steubenville
 Theresa Ann Chance, Jackson
 Nancy Isaac Collins, Columbus
 Elizabeth Wells Confar, Columbus
 Kimberly Louise Cowie, North Canton
 Martin Alan Cox, Columbus
 Kathleen Ann Criss, Cuyahoga Falls
 Carol Sue Cyrus, Columbus
 Carolyn Louise Daum, Marion
 Dennis Wayne Deel, Plain City
 Margaret Ann Denune, Granville
 Patricia Lynne Dickey, Columbus
 Annette Dietrich, Minerva
 Catherine Ann Doersam, Columbus
 Germaine Radford Elliott, Lancaster
 Maria Rae Endress, Milford
 Mark Robert Finch, Cincinnati
 Julia Kay Foster, Columbus
 Sharon Denise Franklin, Warrenville
 Ellen Jane Friedlander, Columbus
 Judith Mayce Friedman, Youngstown
 Lucy Elaine Gardner, Stone Mountain, Ga.
 Molly Ann Gates, Baltimore
 Vickie Sue Gerken, Columbus
 Paula Joyce Gessiness, Cincinnati
 Norma Joy Grealis, Columbus
 Julie Diane Griffin, Columbus
 Susan Laurie Haberman, Akron
 Joan Catherine Haefling, Tiffin
 Barbara Rabatin Hardesty, Columbus
 Kathleen Elaine Hart, Wilmington
 Rita Renee Haynes, Columbus
 Terrence Robert Heffernan, Columbus
 Lori Lynn Heinz, Columbus
 Donna Jean Hiech, Broadview Heights
 Elaine Marie Hill, Mansfield
 Beverly Jean Ingmier, Marion
 Mary Ann Ivan, Lorain
 Marguerite B. Jarrett, Columbus
 Kathryn Louise Jemison, Reynoldsburg
 Elizabeth Marie Jones, Columbus
 Ronald Elie Kaplovitz, University Heights
 Deborah Koetz Kelly, Bexley
 Corinne F. Kennedy, Newton Falls
 Susan Bess Kerr, Sidney
 Cheryl Denise King, Akron
 Frederick William Lappert, Columbus
 Sandra Kay LaRue, Bloomville
 Charles Thomas Lausch, Columbus
 Rose Ann Lenzy, Canton
 Mari-Lyn Lewis, Wooster
 Lorraine Mae Lipps, Williamsfield
 Teresa Elaine McCall, Lima
 Pamela Sue McConehea, Columbus
 Nancy Jane MacLaughlin, Columbus
 Elizabeth Matina, Columbus
 Gina Sue Meltom, Columbus
 Jean Alice Mikkila, Fairview Park
 Terrie Ann Mockler, Chagrin Falls
 Veronica Carol Nedeft, Dayton
 Brenda Elaine Nicholson, Columbus
 Belinda Jeanne Oatney, Columbus
 David Francis Ososkie, Kumpfont, Pa.
 Thomas Joseph Pelland, Akron
 Mary Ellen Pettus, Clinton
 Ira Christopher Poff, Hilliard
 Corday Knapp Rich, Worthington
 Janette Marie Ritter, Columbus
 Anita Louise Ritzhaupt, Galion
 Nilda Antonia Rivera, Columbus
 Karen Gail Roberts, Columbus
 Pamela Beth Ross, Beachwood
 Sharilyn Rae Royer, Galion
 Susan Brooke Sage, Bay Village
 Lisa Michele Saville, Sabina
 Cindy Renee Schwartz, Beachwood
 Walter David Scott, Gallaway
 Jacqueline Adele Seaman, Manchester
 Lori Ann Seaman, Columbus
 Marilyn Kay Shannon, Columbus
 Laurie Lynn Shubert, Miami, Fla.
 Lourdes Simón, Dayton
 Mary Margaret Simon, Columbus
 Susan Elaine Slay, Westerville
 William Bernard Solomon, Columbus
 Brenda Lee Starkey, Columbus

Ruth Ann Steinberg, Champaign, Ill.
 Patricia Louise Sudar, Euclid
 Margaret Jeanne Talley, Columbus
 Sally Ward Thorpe, Highland Heights
 Rebecca Jo Vince, Rayland
 Theresa Ann Vitullo, Columbus
 Sally Ann Walls, Sidney
 Barbara Louise Watkins, Columbus
 Mary Vella Wenning, Butler
 Ilisa Joy Widom, Miami, Fla.
 Lynn Jeannette Williams, Columbus
 Wendy Elizabeth Williams, Columbus
 Walter Fraizer Winsor, Toledo
 Mary Elizabeth Woerner, Columbus
 Lori Ann Yosick, Dover
 Raymond Zamudio, Columbus
 Karen Anne Zubler, Orange Village
 Margery Ann Zwiebel, Wapakoneta

College of Veterinary Medicine

Dean: C. Roger Smith

Doctor of Veterinary Medicine

Teresa Lee Alessio, Akron
 B.A. (University of Colorado)
 Mary Suzanne Aller, Great Falls, Va.
 B.S. (Virginia Polytechnical and State University)
 Ann Elizabeth Beczkowicz, Louisville, Ky.
 B.A. (University of Louisville)
 Frank William Bischak, Cincinnati
 B.S., M.S.
 Franz Bogner, Belle Mead, N. J.
 B.S. (Rutgers University)
 David William Boudouris, Sylvania
 B.S.
 David Oliver Bowman, Columbus
 B.S.
 Jill Elaine Bowman, Lancaster
 Michael Halpern Braun, Beachwood
 B.S. (Rutgers University)
 Paul Anthony Brinker, Cincinnati
 Charles Jeffrey Brown, Newark
 B.S.
 Connie Corbett Brown, Greenville
 B.S.
 Joanne Elizabeth Burgan, Cuyahoga Falls
 William Firestone Busch, Alliance
 B.A. (College of Wooster)
 David Lynn Calland, West Liberty
 B.S. (Bowling Green State University)
 Wendell John Cole, Dover, N. H.
 B.A. (University of New Hampshire)
 Michael Bartholomew Conway, Manchester
 B.S.
 Robert Donald Cook, Cortland
 Charles Michael Copeland, Worthington
 Marcia Ann Cushing, Morgantown, W. Va.
 Barbara Magdalene Daft, Wooster
 B.S.

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Carol Lee Adams, Findlay
 Dolly Ann Adams, Columbus
 Judith Lynne Altstadt, Brook Park
 Lisa Marie Amari, Parma
 Pamela Jane Anderson, Carrollton
 Pamela Louise Aslanides, Cortland
 Cynthia Louise Bailey, Cincinnati
 Anne Harrison Barker, Grove City
 Sandra Kay Barringer, Columbus
 Lauretta Lynn Beltz, Howard
 Bonnie Jo Bernman, South Hempstead, N. Y.
 Ellen Tamar Bernstein, Cincinnati
 Anita Ruth Biener, Nashville, Tenn.
 Sarah Ann Boone, Salem
 Marcelle Renee Bostick, Columbus
 Cynthia Ann Bredbeck, Springfield
 Stephanie K Bryan, Springfield
 Desda Kathryn Buckley, Lakeland, Fla.
 Julie Renee Burget, Scotch Plains, N. J.

- Joseph Angelo D'Amico, Kettering
B.S.
- Stephen John Dicke, Kettering
B.S.
- Robert Charles Diesem, Columbus
- Steven Paul Donovan, Worthington
- Ralph Benjamin Dorsey, Mt. Hope, W. Va.
B.S. (West Virginia Wesleyan); M.S.
(Virginia Polytechnical and State
University)
- John Michael Douds, Hudson
- Thomas Patrick Edgar, Lyndhurst
B.S.
- Neal Victor Fledderjohann, St. Marys
B.S.
- Lauriel Elizabeth Fletcher, Hudson
B.A. (Hiram College); M.A. (State
University of New York at Stony Brook)
- Barbara Gale Froscher, Homestead, Fla.
B.S. (University of Florida)
- Cathy Ellen Gaber, Worthington
- Cecelia Kay Garrett, New London
B.S. (Bowling Green State University)
- Mary Ellen Geib, Euclid
B.S.
- Janice Louise George, Lexington, Ky.
B.S. (University of Kentucky, Zoology);
B.S. (University of Kentucky, Zoology)
- Thomas Alan Glasser, Ashland
B.S.
- Bradley James Gordon, Akron
- Robert Emmet Guy, Jackson, Tenn.
B.A. (Vanderbilt University);
M.S. (University of Southern California)
- David John Haeussler, Cincinnati
- Pamela Jean Hand, Tinton Falls, N. J.
B.A. (Ohio Wesleyan)
- Thomas Scott Hart, Gibsonburg
B.A.
- Stanley Alvin Hastings, Columbus
B.S.
- Frank Michael Haustovich, Youngstown
- Kathi Hacker Heiber, University Heights
- Marsha Lee Heinke, Bay Village
- Daniel Joseph Hellwarth, Celina
B.S.
- Patricia Ailece Hetey, Columbus
B.A. (Trinity University); M.S.
- Mary Jane Hinde, Dayton
B.S. (University of Dayton)
- Lynn Carol Hissett, Terrace Park
B.S. (Purdue University)
- Eric Roscoe Hoffman, Port Clinton
B.A. (Denison University)
- Robert Leslie Hooke, Hightown, Va.
B.S. (Virginia Polytechnical and State
University)
- Keith Howard Hopkins, Westerville
B.A. (Otterbein)
- Lorraine Kogut Jarboe, Fords, N. J.
- Norman Jay Jeter, Benton, Ky.
- Gary Stephen Johnson, Columbus
B.S. (Ohio University)
- Palmer Jowdy Johnson, Westerville
B.S.
- James Milton Kartsimas, Columbus
B.S.
- Hillary Eileen Kaufman,
University Heights
B.S.
- Bruce William Keene, Akron
B.S. (University of Kentucky)
- Dean L. Kile, St. Marys
- Kristen Lynn King,
South Charleston, W. Va.
B.S. (Duke University)
- Gary Cleve Klein, Wadsworth
B.S. (University of Akron); M.S.
- Jerry Klein, Mayfield Village
B.A. (Miami University)
- Paulette Marie Kohler, Brecksville
- Janice Louise Koloda, Parma
B.A. (Case Western Reserve University)
- Louise Anne Stephens LaBarre,
Timberlake, N. C.
B.A. (Earlham College)
- Heidi Ann Langendoen, Nashua, N. H.
B.S. (University of New Hampshire)
- John Elmer Lanier, Sebring, Fla.
B.A. (University of South Florida)
- David Willis LeBourveau, Columbus
B.S.
- Martha Christine Leshner,
Olmsted Township
B.A. (Carleton College)
- Carol Ann Lichtensteiger, Ohio City
B.S.
- Paula Joan Mack, Parma
B.S., M.S.
- Joseph Stephen McCracken, Dayton
B.S.
- Gregory Candell McDonald, Columbus
B.A. (New Haven College); M.S.
(Southern Connecticut College)
- Thomas Lloyd McMichael, Columbus
B.S., M.S.
- Kelton Scott McMurray, Parkman
B.A. (Hiram College)
- Robert Lowell Medford, Dayton
B.S.
- Linda Medleau, Cleveland Heights
B.S.
- Donna Starita Mehan, Montclair, N. J.
B.S. (Rutgers University)
- Jane Michele Melchior, Uniontown
B.S.
- Rebecca Ann Miller, Columbus
B.S.
- Robert Eric Miller, Chillicothe
B.S.
- Eric Martin Mills, Tipp City
- Juliann Marie Moenter, Van Wert
- James Daniel Monfort, Columbus
- Laura Jean Morrow, Charlotte, N. C.
B.S. (North Carolina State University)
- Marjorie Anderson Murray, Reynoldsburg
B.S.
- Kathleen Louise Myers, Bellville
B.S.
- Charles David Nash, Jr., Alderson, W. Va.
- Thomas John Newton, Columbus
A.B. (Wilmington College)
- Roger Lawrence Nichols, Clinton, Md.
B.S. (University of Maryland)
- Chester W. Paulus, III, Somerset, N. J.
- Linda Meiring Peck, Ft. Recovery
B.S.
- Richard Paul Pence, Dublin
- Larry Joe Pennington, Tiffin
B.S.
- Karen Elyse Petach, Anchorage, Ky.
- Jeffrey Lee Punderson, Marietta
- Virginia Butler Reef, Eaton
B.A. (Mount Holyoke College)
- James Robert Richards, Jr., New Paris
A.B. (Berea College)
- Dean Wheeler Richardson,
Southern Pines, N. C.
A.B. (Dartmouth College)
- Ronald Frederick Rohde, Brook Park
- Joseph Francis Ross, Elizabeth, N. J.
A.B. (Rutgers University); Ph.D. in
Physiological Psychology (University of
Chicago)
- John Sangenario, Jr., Bowling Green, Ky.
B.S. (Western Kentucky University)
- Richard Glenn Seaman, Montpelier
A.B., M.A. (Miami University)
- Robert Tadsen Sharp, Niles
A.B., M.A. (Miami University)
- Debra Lynn Shondrick, Canton
B.A.S. (Ohio Northern University) In
Biology and Psychology
- Edith Lee Simpson, Pepper Pike
B.S. (Duke University)
- Joanne Marcia Smith, Silver Spring, Md.
B.S. (University of Maryland)
- Todd Brian Smith, Wooster
- Gary Mark Solow, Elkins, W. Va.
- Gareth Hamilton Spurlock,
Independence, Ky.
- Paul Richard Stephens, Circleville
B.A. (Amherst College)
- Randall Jay Stern, Massillon
- William Steven Stokes, Fern Creek, Ky.
B.S. (University of Louisville)
- Daniel James Stradley, Columbus
- Lou Anne Taylor, Zanesville
- Timothy Paul Trayer, Wilmington
B.S. (Wilmington College)
- Thomas Joseph Ulyshen, Marysville
B.A. (Miami University)
- James Guy Underwood, Columbus
B.A. (Miami University)
- Susan Jane Updike, Burgoon
B.S. (Bowling Green State University)
- Raymond Scott Wagner, Garfield Heights
B.S.
- John Scott Walkenhorst, Cincinnati
B.A. (Wesleyan University)
- William James Weber, Leesburg, Fla.

: Also Master of Science, Graduate School

Thomas Vernon Wilkin, Van Wert
B.S. (Ohio University)

Kenneth Gregory Wright,
Silver Spring, Md.
B.S. (University of Maryland)

GRADUATES WITH HONORS

Summa Cum Laude

Dolly A. Adams
Michael Barbier
Michael William Barker
Earl Crafton Beck, II
David Scott Borror
Nancy Lynne Boxler
John Melvin Cartwright
Robin Paula Clement
James Dennis Coyle
Michael Eldon Dellinger
Glenn Michael Dickey
Mary Patricia Enciso
Robert J. Enoven
Clark Everly
William James Fanning
Karen S. Flanigan
Sharon Elaine Fleming
Gerard Manuel Garcia-Abascal
Molly Gates
Richard William Gentil
Wilson K. Gibbins
Stephen Duncan Grugin
Mary Louise Harbrecht
Peter William Hellyer
Jeffrey Alan Henderson
Julie Ann Herron
Donna Hicko
Maribeth Lee Hilberg
Elaine M. Hill
Lynn Carol Hisselt
Caroline Sue Hixson
Patricia Lee Humphrey
Ellen Janet Imhoff
Steven Martin Joyce
David Lowell Kandel
Jeffrey Scott Keeny
Kristen Lynn King
Margaret Jones Kissel
Neil Bruce Kornswiet
Mark Kuznetson
Katherine Mary Kwiatkowski
Alan Joseph Lacko
Jane Ann Lanz
John Christopher Lanz
Patrick Mack Lewis
David Jonathan Louis
Patricia Ann Magnone
Marian J. Mahfood
David Carl McAlister
Robert B. McGhee, Jr.
Martin McHenry
Karen Ann Miller
Carl Augustine Minning, Jr.
Leslie Susan Mundew
Martin C. Murrer
Susan Andrews Murry
Debra Ann Nesselroad
Cynthia A. Osburn
Lynne Ovington
Barbara Ann Painter
Karl Steven Pappa
Cynthia Dawn Peabody
Michael Lewis Perkins
David Alan Pimsner

Cynthia Dillon Polles
Dean Wheeler Richardson
Connie Ann Roe
Kathleen Murphy Rowland
Bryon Michael Sansom
David William Schmitt
Sharon L. Shackelford
Douglas Frank Smith
Sharon Elizabeth Smith
Carol Lynn Sommer
Rebecca Loray Stentz
Gregory Lynn Stephens
Bert A. Stinebaugh
Marc Edward Stockwell
Nancy Lynn Syljebeck
Judith L. Tokel
James Edward Tupa
David Donald Vaas
David Oman Warner
Jeff Thomas Warner
Scott Allan Watkins
Donna Carolyn Weaver
Mary Wenning
Ronald Wayne Wilkes
Sylvia Ann Wise
Keith Douglas Wisecarver
Mary E. Woerner
Kathy Ann Wright
Charles Brent Yoder
George Joseph Zillich
James Madison Zinser

Summa Cum Laude with distinction
in Animal Science

John Melvin Cartwright

Summa Cum Laude with distinction
in Horticulture

Rebecca Evelyn Fouse

With distinction

Diane Johnson Prosser

Cum Laude

Laura Ann Ahlbach
Joyce Ann Albaugh
Daniel Thomas Anderson
John Carl Appel
Robert Edward Archer
Robin Lees Askins
James Jerome Augustine
James Benjamin Ball, Jr.
Paul David Ballard
Cynthia Jeanne Barrows
Richard E. Barson
Joyce Ann Battson
Ellen Lee Belcher
William J. Benjamin, Jr.
Roger William Benz
Donna Marie Berger
Susan Marie Bernard
John Watson Berridge
John Keith Bidwell
Nancy Lynn Biederman
Charles Richard Bland
Richard Burke Blocher
Susana Ackerman Bogler
Rebecca Lynn Bogner
Sarah A. Boone
Jack Forrest Boss, III
Marcelle R. Bostick
Andrew Charles Bott

James Patrick Botti
Jill Elaine Bowman
Janet Kay Boyd
David Bunnell Bradford
Cheryl Ann Branibar
Belinda Lee Bresnahan
Amy Catherine Bricker
Michael Scott Bringardner
Cynthia Kay Brockman
Elizabeth Ann Brown
James Dominic Brue
Alice Dee Burger
William Jerome Burger, Jr.
Karen L. Call
Dolores Jean Camp
Bonnie Collier Channell
John Richard Clawson
Craig Lee Clemens
Nancy I. Collins
Kathy Eileen Comer
Peter Sims Confar
Nancy Leigh Conrad
Monette Wynn Cope
Frank Anthony Cosiano
Susan Elaine Cover
Barbara Nancy Crider
Mark David Cross
Kimothy Curtis
Barbara Magdalene Daft
Dennis W. Deel
Jady Lynn De Giralomo
Valerie Ann DeMuth
Annette Dietrick
Dale Lee Dinwiddie
Ellen Jones Doeble
Richard Jonathan Dottermuck
Laurence Earl Drake
Jo Ellen Furney Dreve
Janet Marie Dukerich
Kay Lynn Eberle
Jennifer Marie Eling
Gerry Lee Emerick
David Edward Eppley
Ronald Lee Etter
David Scott Etzkorn
Roger Albert Faulkner
Robert Joseph Feeley
Paul Stephen Fekete
Zackary Franklin
Cathy Cooper Freisthler
Nora Beth Friedman
Richard Joseph Fuchs
Cathy Ellen Gaber
Mary G. Gagen
Tamara Leigh Galloway
Janice Louise George
Craig Giffi
Bonnie Sue Glisson
Barbara Jill Glover
Nelly Rimini Goren
Sarah L. Sheffield Grantz
Gail Ann Grayson
Stephen Duncan Grugin
Dale Fredrick Hachten
William Frances Hahn
Joseph Hurley Hampton
Pamela Jean Hand
Nancy Lee Hanna
Donald Carl Harris
Kathleen Hart
Karen Sue Hartnagel
Thelma Marie Hess
Melissa Kay Hibbard
Jacqueline Marie Hilbish
James Dalton Hodgins
Carol Joan Hoenie

Teri Evelyn Holton
 Robert Leslie Hooke
 Amalia Maria Iglesias
 Dyanna Austin Irvine
 David Joseph Ishley
 David Gary James
 Jay Alan Jefferson
 Matthew Richard Jenkins
 Mark William Johnson
 Michael Jay Jokerst
 Jim Van Jura
 Jana Lee Kable
 Teresa Lee Kalson
 Lucille Marie Kaminski
 John Craig Kammeyer
 David Lowell Kandel
 Michele Lee Karl
 Andrea Jill Katz
 Douglas Eugene Kaylor
 Bruce William Keene
 Timothy Richard Kelley
 Marian Kennedy
 William Joseph Kenney
 Mark William Klaburde
 Mark Alan Kleffner
 William Knoke
 Janice Louise Koloda
 Ronald Drew Kopf
 William Kenneth Kroke
 Gerald Francis Krupar
 Nanette Marie Kupper
 Janet Rush Lang
 Margaret Ann Law
 Laurie Jean Lawson
 Richard Alan Lazar
 David Jay Lee
 Sally F. Leggett
 Jeffrey Leptok
 Richard Kenneth Levitz
 David Alan Lewis
 Thelma Kay Lewis
 Carol Ann Lichtensteiger
 Dennis Alan Linden
 Brian Keith Lohrmuller
 Mark Allen Maddox
 Donald Paul Madzan
 Mary Diane Mahoney
 Elizabeth Ann Marschall
 Carol Jean Martin
 Gayle Lee Mason
 Mary Ann McGee
 Jacqueline Sue McLoda
 Dennis Owen McPheron
 Raymond Alan Mencini
 Karen Susan Metzger
 William Philip Meyer
 Kathryn Marie Meyers
 Cathy Anne Miller
 Guistina Marie Miller
 Robert Eric Miller
 Charlotte O. Mills
 David Lewis Minnick
 Kathleen Monter
 Beth Ann Moore
 Patrick Timothy Moore
 William Norman Moore, Jr.
 Phyllis Ann Moran
 Nancy Elaine Morgan
 Coleman Morris, Jr.
 Kent Lane Mueller
 Theresa Mulvaney
 Lora Jayne Munsell
 Lynne Louise Murphy
 Juliana Myers
 Kenneth Allen Myers
 Melinda Kristine Myers

Ronald Eugene Myers
 Susan Marie Naymik
 Randall Trevor Nesser
 Roberta Elizabeth Orsini
 Thomas Ward Parker
 Madeline Osborne Partlow
 Diane Marie Patrick
 Ellen Sue Perko
 Rebecca Ann Peters
 Christian Mark Peterson
 Pamela Lee Petzel
 Ross Daniel Pickard
 Theresa Marie Pinamont
 Mary Loretta Plank
 Gary Jay Pollack
 Vicki Jo Pritchard
 Catherine Ann Prock
 Sara Jane Purcell
 Kenneth David Purk, Jr.
 Randall William Baker Purvis
 Lucinda Ann Quinn
 Thomas Edward Quinn
 Thomas Gerard Quinn, Jr.
 Richard Edward Ranchoff
 Reene Marie Ranck
 Patrick Alan Raymond
 Richard Mierle Rea
 John Joseph Reagan
 Timothy Michael Reddy
 Keith William Reeves
 Gabriele Diane Reil
 Tammy Jane Reitter
 James Robert Richards
 Bradley Kent Rife
 Robin Rebecca Riffle
 Kathleen Marie Roch
 Steven Brent Rogers
 JoAnn Clare Rohyans
 Jimmie D. Rose
 Patricia Lee Rose
 Susan Elizabeth Roush
 Jeffrey Rudolph
 Randolph Arthur Rudowicz
 Mary Kathryn Russ
 Jany Lou Sabins
 Susan Sage
 Debra Whitaker Savage
 David Nelson Sceva
 William E. Scherger
 John Richard Schleder
 David William Schmitt
 Cynthia Ann Schroeder
 Luann Sue Schuerman
 Carl Romie Schumaker
 Kimberly Anne Seipel
 Cynthia Louise Shockey
 John Andrew Slettebak
 Jeffrey Alan Smith
 Victoria Lynn Smith
 Deborah Lee Sommer
 Scott Eugene Sonnenberg
 Kallette Muri Spaeth
 Barbara Gail Stadelman
 Camilla Sue Stanfield
 Debra Lynn Stefanik
 Ruth Steinberg
 Paul Richard Stephens
 Larry Albert Stern
 Lowell James Stewart
 Bruce Larry Stout
 Thomas David Stuckey
 Carmen Louis Talarico, Jr.
 Margaret Talley
 Anthony Richard Taylor
 Nancy Ann Terveer
 Marcia Jean Thompson

Kathryn Mary Thraikill
 Timothy James Thress
 Barbara Joan Tozer
 Linda Brodnax Tracy
 Douglas Wesley Triffon
 David Robert Truex
 Jennifer Ann Uetrecht
 Linda M. Vallen
 Denise Lynn Vaughn
 Gary Alan Viebranz
 William Wallace Vogelgesang
 George Vukmir
 Bruce Arthur Wagner
 Debra Jo Waldron
 John Scott Walkenhorst
 Stephen Paul Wallace
 Thomas Michael Walliser
 Terry Lee Walter
 Thomas Cris Warsinsky
 Catherine Louise Waugaman
 Kelly Elizabeth Weber
 William Gregory Whipple
 Carmel Therese White
 David Ralph Wickham
 Steven Douglas Wilcher
 David Louis Wilkinson
 R. David Witcheby
 M. Lynn Wolfe
 Cynthia Marie Woodruff
 Deborah Ann Wright
 Connie Marie Wymer
 Theodore Edward Wymyslo
 Linda Marie Zimmerman

Cum Laude with distinction in
 Agricultural Education and Agri-
 cultural Economics

Ann Elaine Schaible

Cum Laude with distinction in
 Agronomy

Theodore James Diedrick

Cum Laude with distinction in
 Animal Science

Stuart Alan Ensor

Cum Laude with distinction in
 Biochemistry

Jay Paul Kasner

Cum Laude with distinction in
 Environmental Education

Thomas Joseph Powell

Cum Laude with distinction in
 Psychology

Bruce Duane Sampsel

Cum Laude with distinction in
 Wildlife Management

Randy Lee Smith

Cum Laude with distinction in Ancient
 History with honors in the Liberal Arts

Barbara Anne Miller

Cum Laude with distinction in History with honors in the Liberal Arts

Patricia Amburgey Stone

Cum Laude with distinction in History of Art and Archeology with honors in the Liberal Arts

Janet White Nickerson

Cum Laude with distinction in Philosophy and Psychology with honors in the Liberal Arts

Steven Paul Hampl

Cum Laude with distinction in Political Science with honors in the Liberal Arts

David Michael Rosenfield

Cum Laude with distinction in Psychology with honors in the Liberal Arts

Johann Nicholas Prewett

Cum Laude with distinction in Urban Studies with honors in the Liberal Arts

David Robert Dysard

Cum Laude with honors in the Liberal Arts

Douglas Edward Duckett
Louis Alan Goodman
Jocelyn Anne Hammond
Robert Neil Kepple
Mary Helen Lawrence
Isabel Hsiao Wen Liu
Stephen Tower Swartz
Pamela Sue Worner
Julia Zavakos

With distinction

Richard J. Garvin
John Francis Kreinbrink
Diane Johnson Prosser

With distinction in Agricultural Education and Agricultural Economics

Robert William Groves, II

With distinction in Agronomy

Frank George Burroughs
Cynthia Kaye Wagner

With distinction in Anthropology

Steven Michael Emmert

With distinction in Dairy Science

Douglas Kelley Mills

With distinction in Geology

Robert Endres

With distinction in History of Art

Thomas Kochheiser

With distinction in Medical Dietetics

Shelly Kay Hall
Ellen Frances Schaaf

With distinction in Medical Illustration

Donald Larry Stredney

With distinction in Photography and Cinema

Cindy Ann Beatti

With distinction in Physical Therapy

Gary Dean Bowman

With distinction in Political Science

Denise Roman
Thomas Mlay

With distinction in Psychology

Josephine Piehowicz

With distinction in Resource Development

Clinton David Beaver

With distinction in Biochemistry with honors in the Liberal Arts

William J. Morris

With honors in Dairy Science

Joel Coulombe Kitchens

With honors in the Liberal Arts

Thomas H. Belhorn
Charles Carstensen
Karen A. Komisar
Charles R. Leidner
Robert N. Merrill
James H. Noit
Alice D. Wolfe
Julie K. Woodson

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND FORTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 7, 1979

The Board of Trustees met at its regular monthly meeting on Thursday, June 7, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Patricia D. James, Chairman, Howard D. Sirak, Chester Devenow, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens and Daniel M. Galbreath.

* * *

Minutes of the last meeting were approved.

* * *

June 7, 1979 meeting, Board of Trustees

The Chairman, Mrs. James, called the meeting of the Board of Trustees to order at 12:00 noon. She requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering personnel related matters.

Present: Patricia D. James, Chairman, Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, and Daniel M. Galbreath.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

Mrs. James announced the committee appointments for 1979-80.

COMMITTEE APPOINTMENTS 1979-80

Resolution No. 79-137

WHEREAS the appointments to Committees and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors and the Inter-University Council for 1979-80 are as follows:

Educational Affairs Committee

Warren J Smith, Chairman
John D. Jacob, Vice Chairman

Chester Devenow
Patricia D. James, Ex Officio

Fiscal Affairs Committee

D. James Hilliker, Chairman
John F. Havens, Vice Chairman

Howard D. Sirak
Patricia D. James, Ex Officio

OARDC Agenda Review Committee

Daniel M. Galbreath, Chairman
John M. Stackhouse, Vice Chairman

Edmund C. Redman
Patricia D. James, Ex Officio

Student Affairs Committee

John F. Havens, Chairman
Warren J Smith, Vice Chairman

D. James Hilliker
Patricia D. James, Ex Officio

Personnel Committee

Patricia D. James, Chairman
Chester Devenow, Vice Chairman

Howard D. Sirak

Development Fund Board

Edmund C. Redman

Daniel M. Galbreath

June 7, 1979 meeting, Board of Trustees

COMMITTEE APPOINTMENTS 1979-80 (contd)

Inter-University Council

Daniel M. Galbreath

Research Foundation Board

John D. Jacob (April 1980)

NOW THEREFORE

BE IT RESOLVED, That the Committee appointments and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, and the Inter-University Council for 1979-80 be approved.

Upon motion of Mr. Devenow, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 79-138

Synopsis: Resolutions honoring the service of two of this University's faculty members who have recently died.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Hilliker, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Betty T. Brosch

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 25, 1979, of Betty T. Brosch, Instructor Emeritus in the Department of English.

Miss Brosch received her Bachelor of Arts degree from Goucher College in 1934 and attended New York School of Social Work in 1936 and the University of Pittsburgh in 1938. She taught in the Department of English at The Ohio State University from 1956 until her retirement in April of 1978. An accomplished teacher, her favorite courses were technical writing and English as a second language. Until failing health forced her to stop, Miss Brosch was a volunteer tutor to the families of OSU international students--a service of which the Department of English is especially proud.

On behalf of the University community, the Board of Trustees expresses to the family of Miss Brosch its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and her many friends and associates have sustained.

June 7, 1979 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Dora Eloise Gilmore

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 14, 1979, of Dora Eloise Gilmore, Associate Director Emeritus in the School of Home Economics.

Dr. Gilmore was born in Chetopa, Kansas, on October 14, 1903. She received the Bachelor's degree from Kansas State Teachers College, Pittsburg, Kansas, in 1926, with a major in education and a minor in home economics. The Master's degree was earned at Kansas State University, Manhattan, Kansas, in 1939, in textiles and clothing, and the Ph.D. at The Ohio State University with a major in administration in higher education and supporting areas in philosophy, secondary education and home economics education in 1948.

Dr. Gilmore came to The Ohio State University as a Graduate Teaching Assistant in 1946-47 and was appointed to a University Fellowship in 1947-48. On completion of the Ph.D. she was appointed Associate Professor and in 1949 to the Chairmanship of the Division of Textiles and Clothing. She served as Associate Director of the School in charge of curriculum and instruction from 1955 until her retirement on October 31, 1972.

Dr. Gilmore taught at the elementary, secondary and college levels. At the university level she taught both undergraduate and graduate students, directed research and served as Chairman of the School Graduate Committee. Dr. Gilmore developed a graduate program in textiles and clothing at both the master's and doctoral levels which gained national recognition. A major curriculum study and revision of the programs in the School was completed in 1962 under her direction. She served as Chairman of the School's Committee on Instruction, the Honors Program and was adviser for international students in the School. She also served on the University Graduate Council.

Recognition of her ability in program development, included selection as Chairman of an evaluation team of textiles and clothing at The Pennsylvania State University by the President of that University and to workshops in higher education. Dr. Gilmore had been elected and appointed to numerous committees of the American Home Economics Association. She participated in national and regional meetings of College Teachers of Textiles and Clothing and served as Chairman of regional committees on research. She was a recipient of the Alumni Award for Distinguished Teaching at The Ohio State University and in 1964 was awarded the Alumni Award for Meritorious Achievement from Kansas State College. She was listed in *Who's Who of American Women*.

After her retirement, Dr. Gilmore volunteered her services to compile information relating to the *History of the School of Home Economics*. Her professional career won her wide respect both in the university and in the academic world.

Memberships in professional and honorary societies include the American Home Economics Association, Phi Upsilon Omicron (professional fraternity), Omicron Nu (honorary home economics fraternity), Phi Kappa Phi and Pi Lambda Theta (honorary fraternities).

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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June 7, 1979 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS

Resolution No. 79-139

Synopsis: Recommendation for seven individuals to receive Distinguished Service Awards is made.

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended seven individuals for approval by the Board of Trustees to receive the Distinguished Service Award at the Summer Quarter Commencement Convocation:

Richard H. Bohning
Beatrice Cleveland
John B. Conard
Helen Kurtz
Ralph Kurtz
Jeanette LaRocque
J. Paul McNamara

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 79-140

Synopsis: Approval is requested for awarding honorary degrees.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of the following honorary degrees:

June 7, 1979 meeting, Board of Trustees

HONORARY DEGREES (contd)

Alan K. Campbell	Doctor of Humane Letters
Serge I. Chermayeff	Doctor of Humanities
Hal Holbrook	Doctor of Humanities
Robert E. Lee	Doctor of Humanities
Martha N. Lewis	Doctor of Science
C. R. Rao	Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Dr. Sirak, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ADDITION OF NEW RULES 3335-5-612 and 3335-7-261 AND AMENDMENT
OF RULE 3335-9-32 OF THE ADMINISTRATIVE CODE**

Resolution No. 79-141

Synopsis: Approval of addition of rules 3335-5-612 and 3335-7-261 and amendment of rule 3335-9-32 of the Administrative Code is being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-08 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of additions and amendments to *Rules of the University Faculty* as approved by the University Senate:

3335-5-612 Committee on women and minorities.

Select committee on women and minorities has discharged the functions for which it was created and has recommended the establishment of a standing committee on women and minorities.

3335-7-261 Recalculation of cumulative point-hour ratio.

The University has begun a major effort to enhance the opportunities for lifelong learning and this rule will allow returning students who need it a "fresh start" with respect to cumulative point-hour ratio.

3335-9-32 Requirements for a professional degree.

The modification of the requirements for a professional degree is to clarify the procedure for obtaining such degree and eliminate the possibility of contradictory interpretation.

June 7, 1979 meeting, Board of Trustees

**ADDITION OF NEW RULES 3335-5-612 and 3335-7-261 AND AMENDMENT
OF RULE 3335-9-32 OF THE ADMINISTRATIVE CODE (contd)**

NOW THEREFORE

BE IT RESOLVED, That the foregoing new rules and amendment to *Rules of the University Faculty*, as approved by the University Senate on May 12, 1979, be adopted by the Board of Trustees for inclusion in the next publication of the *Rules of the University Faculty*.

Upon motion of Dr. Sirak, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

RULES

3335-5-612 Committee on women and minorities.

(A) The committee on women and minorities shall consist of ten members as follows:

- (1) Six members of the university faculty;
- (2) One member of the administration;
- (3) One undergraduate student;
- (4) One graduate student;
- (5) One professional student;

(B) It shall be the responsibility of this committee to:

- (1) Study and evaluate programs for improving educational and employment opportunities for minorities and women at the university;
- (2) Evaluate the results of the recommendations made by the commission on women and minorities;
- (3) Report from time to time, but at least annually, to the senate on the progress of affirmative action at the university; and
- (4) Make recommendations to the senate or to the president, as deemed appropriate, for further action.

RULES (contd)

3335-7-261 Recalculation of cumulative point-hour ratio.

- (A) An undergraduate student who re-enrolls in the University after an absence of five or more years may petition the dean or director of his enrollment unit to recalculate the cumulative point-hour ratio of his previous residency. If the petition is approved, all courses taken will remain on the permanent record. Those with marks of "A," "A-," "B+," "B," "B-," "C+," "C," "C-," "EM," "K," "PA," or "S" will be counted for credit only. No other marks will be counted for credit.
- (B) If the petition is approved, the student resumes his academic program with no cumulative point-hour ratio, and thereafter is subject to the conditions of warning, probation, and dismissal that govern all students (see rules 3335-9-24 to 3335-9-28 of the Administrative Code).
- (C) Under the provisions of this rule a student, before graduation, must be re-enrolled for a minimum of
 - (1) Forty-five quarter credit hours and
 - (2) Three academic quarters.
- (D) All courses ever taken at the University will be used in the calculation of the cumulative point-hour ratio required for the purposes of graduation with honors.

3335-9-32 Requirements for a professional degree.

- (A) To obtain a professional degree from this university, a student must meet the minimum requirements established by the college or school recommending the degree. In establishing such minimum requirements, the college or school shall include or exceed the minimum requirements stipulated by the appropriate accrediting body. Such graduation requirements shall be subject to approval by the council on academic affairs and shall be filed with the secretary of the board of trustees.
- (B) Waiver of minimum requirements may be made by the faculty of the college or school recommending the degree or by a committee approved by that faculty. Requests for such waiver may be initiated by student petition or by the dean or director. The council on academic affairs shall be notified at least quarterly of each such action.

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June 7, 1979 meeting, Board of Trustees

BUDGET SUMMARY (THIRD QUARTER, 1978-79)

Resolution No. 79-142

Synopsis: The third quarter summary report of the current funds budget is presented for review.

The third quarter report of the 1978-79 Current Funds Budget contains a significant change from the second quarter report in projected expenditure levels for sponsored research projects. This third quarter report projects expenditures for such projects through the Research Foundation to increase by \$4,540,000 over second quarter estimates-\$32,770,000 from an earlier projection of \$28,230,000. This change reflects the success that the University's faculty has had in obtaining outside funding in the form of grants and contracts during the past year. Expenditures in other categories are projected to remain essentially unchanged from estimates made in the second quarter report.

WHEREAS the third quarter report of the 1978-79 current funds budget which is presented for review by the Board of Trustees is balanced and contains a total upward revision in budgeted expenditures from \$422,262,000 to \$428,214,000:

NOW THEREFORE

BE IT RESOLVED, That the accompanying third quarter budget be accepted.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved February 2, 1979	Proposed Revised Budget June 7, 1979
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$144,971	\$145,961
Libraries	8,362	8,369
Other Academic Support	2,587	2,493
Sponsored Programs Administration	2,244	2,244
Student Services	7,885	7,990
Plant Operation	25,563	25,849
Institutional Support	15,468	15,248
Total Instruction and General	\$207,080	\$208,154
Sponsored Research		
Research Foundation	\$ 28,230	\$ 32,770
Engineering Experiment Station	1,808	2,093
University Sponsored Programs	916	916
Other	3,116	3,001
Total Sponsored Research	\$ 34,070	\$ 38,780
Public Service		
University Hospitals	\$ 80,100	\$ 81,558
Cooperative Extension Service	19,300	20,139
University Sponsored Programs	2,422	2,422
Other	16,472	13,677
Conferences	2,380	2,535
Total Public Service	\$120,674	\$120,331
Student Aid	\$ 6,122	\$ 6,222

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1978-79
(IN THOUSANDS)

	Budget Approved February 2, 1979	Proposed Revised Budget June 7, 1979
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 19,152	\$ 19,302
Intercollegiate Athletics	8,062	8,254
University Bookstores	4,735	4,767
Student Health Service	2,395	2,384
Student Unions	2,478	2,474
Parking Facilities	2,692	2,572
University Airport	1,751	1,901
Fawcett Center for Tomorrow	1,359	1,514
Other	936	807
Total Auxiliaries	\$ 43,560	\$ 43,975
TOTAL COLUMBUS CAMPUS	\$411,506	\$417,462
Regional Campuses		
Administration	\$ 180	\$ 179
Lima Campus	2,266	2,291
Mansfield Campus	2,295	2,290
Marion Campus	1,365	1,353
Newark Campus	2,104	2,101
Agricultural Technical Institute	2,381	2,413
Wright-Patterson Graduate Center	165	125
Total Regional Campuses	\$ 10,756	\$ 10,752
GRAND TOTAL	\$422,262	\$428,214

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1978-79 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1978-79 BUDGET
(IN THOUSANDS)

	Estimated Income February 2, 1979	Estimated Income June 7, 1979
Columbus Campus		
Government Appropriations		
State of Ohio	\$142,645	\$143,070
Federal	53,341	56,670
Other	5,655	5,345
Subtotal	\$201,641	\$205,085
Student Fees		
Instruction and General	\$ 58,460	\$ 58,830
Room and Board	16,113	16,158
Other	2,725	2,887
Subtotal	\$ 77,298	\$ 77,875
Other Income		
Auxiliary Sales and Charges	\$ 98,566	\$ 98,461
Department and University Services	17,827	17,654
Endowment Income	2,995	3,637
Gifts and Grants	12,880	12,717
Temporary Investments	2,800	2,800
Subtotal	\$135,068	\$135,269
TOTAL COLUMBUS CAMPUS	\$414,007	\$418,229
Regional Campuses		
Lima Campus	\$ 2,601	\$ 2,623
Mansfield Campus	2,632	2,656
Marion Campus	1,580	1,552
Newark Campus	2,389	2,424
Agricultural Technical Institute	2,548	2,625
Wright-Patterson Graduate Center	165	125
TOTAL REGIONAL CAMPUSES	\$ 11,915	\$ 12,005
GRAND TOTAL	\$425,922	\$430,234

BUDGET 1979-80

Resolution No. 79-143

I. INTRODUCTION

This provisional budget is presented prior to the passage of an appropriations bill for 1979-81 by the General Assembly. Consequently, contingency plans are contained that can be activated when more information is available about state appropriation levels and the extent to which the University will have the freedom to set its own fees to students.

The proposed 1979-80 Budget has been developed to meet the following, sometimes conflicting, objectives:

- . Compliance with federal wage/price guidelines.
- . To the extent possible, maintenance of the purchasing power of faculty and staff salaries in the face of rising inflation.
- . Redress of past erosion in stipends of graduate associates, the apprentice/scholars who provide necessary services to the University.
- . Corrective funding for growth areas of the University whose needs for increased resources have not been met in the past.
- . Increases to portions of the budget that are flexible, so that the University will be in a better position to meet new challenges and the future prospect of declining enrollments.
- . Selective improvements in the quality of programs.
- . Establishment of an urgently needed program to replace scientific and other equipment.
- . Maintenance of adequate funding levels for health sciences programs by replacing funds no longer provided by federal capitation programs.

We have not met all of these objectives fully in this proposed budget. The unarguable fact is that we have less real income to meet needs that are not decreasing.

II. SUMMARY OF PROJECTED TOTAL CURRENT EXPENDITURES AND REVENUES

A. Overview

The University Budget encompasses several categories of funds, based on whether income was earned through charges for specific services, donated for specific activities, or allocated by the University from a general pool of funds. The following summaries provide an overview of estimated 1978-79 and projected 1979-80 expenditures for these categories: Unrestricted General Funds, Earnings Operations, Restricted Funds, and Regional Campuses.

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

B. Columbus Campus

Unrestricted General Funds. Unrestricted General Funds -- those funds formed by pooling state instructional subsidies with instructional and general fees, unrestricted endowment and gift income, indirect cost recovery from grants and contracts, unrestricted federal funds, income from temporary investment of unrestricted funds -- are expected to rise \$17.4 million from a 1978-79 base of \$192.6 million. The Unrestricted General Funds, which provide the core support for the University's academic and support programs, are subject to direct allocation by the University. These funds are projected to support a balanced budget for 1979-80 with the assumption made that enrollments will remain at 1978-79 levels.

SUMMARY 1

	Estimated 1978-79	Proposed 1979-80	Increase
Expenditures	\$192,598,100	\$209,993,300	+\$17,395,200 +9%

Earnings Operations. The University engages in various activities that are generally self-supporting and are funded through charges made for services, e.g., University Hospitals, residence and dining halls, bookstores, intercollegiate athletics, student unions, Fawcett Center for Tomorrow, Mershon Auditorium, traffic and parking, non-credit courses and conferences. These earnings operations, each of which develops its own budget for review by the University, are projected to increase their expenditures collectively by \$13.6 million over 1978-79 bases of \$130.5 million. A \$2.5 million positive variance of income over expenditures is projected as several of these operations attempt to build much-needed reserves for equipment replacement, maintenance, capital improvements, and working cash during the coming year.

SUMMARY 2

	Estimated 1978-79	Proposed 1979-80	Increase
Expenditures	\$130,549,300	\$144,118,600	+\$13,569,300 +10%

Restricted Funds. Restricted funds to conduct special purpose activities are obtained through endowments and gifts donated by friends of the University and through grants and contracts awarded for the performance of research, instructional, or public services. Federal, state, and county agencies also provide restricted line-item funding for such operations as Cooperative Extension, University Hospitals, primary health care residencies, etc. The restricted funds activities usually enrich -- directly or indirectly -- the academic programs of the University. Major increases in expenditures projected for 1979-80 can be traced primarily to gains that University faculty members have made in obtaining outside funding for research and public service projects.

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

SUMMARY 3

	Estimated 1978-79	Proposed 1979-80	Increase	
Expenditures	\$93,560,000	\$99,410,000	+\$5,850,000	+6%

C. Regional Campuses

Each of the regional campuses maintains financial independence, generating its own income through the State's instructional subsidies, student fees, and earnings and restricted funds activities. Each campus develops its own budget for review by the University administration, within restrictions provided by revenue estimates and University-wide personnel salary guidelines and policies. Because of enrollment declines, regional campus budgets for 1979-80 generally will not increase at rates which will allow them to meet inflationary costs without retrenchment actions. These campuses have worked with the University administration throughout the past year to develop these retrenchment plans, and it is hoped that they can be effected without serious disruption to their academic programs. As these campuses mature and develop increasingly senior staffs in the coming years, continuing attention will be required to protect the quality of their programs in the face of rising personnel costs.

SUMMARY 4

Regional Campus Expenditures

	Estimated 1978-79	Proposed 1979-80	Increase	
Regional Campus Administration	\$ 179,000	\$ 196,000	+\$ 17,000	9%
Lima Campus	2,291,000	2,514,000	+ 223,000	10%
Mansfield Campus	2,290,000	2,398,000	+ 108,000	5%
Marion Campus	1,353,000	1,479,000	+ 126,000	9%
Newark Campus	2,101,000	2,041,000	(60,000)	(3)%
Agricultural Technical Institute	2,413,000	2,848,000	+ 435,000	18%
Wright-Patterson Graduate Center	125,000	100,000	(25,000)	(20)%
TOTAL	\$10,752,000	\$11,576,000	+\$824,000	8%

BUDGET 1979-80 (contd)

III. UNRESTRICTED GENERAL FUNDS AND THE INSTRUCTION AND GENERAL BUDGET

A. Overview

The core budget of the University is the Instruction and General Budget of the Columbus campus. This budget supports the credit educational programs in which students enroll, along with the academic and administrative support services required. The sub-categories of the Instruction and General Budget are: Departmental Instruction and Research, Libraries, Other Academic Support (e.g., Teaching Aids Laboratory), Sponsored Program Administration, Student Services, Plant Operation, and Institutional Support.

About 94 percent of the Unrestricted General Funds that the University forms by pooling its state subsidy, student instructional and general fees, and other unrestricted income are used to support the Instruction and General Budget. Approximately 88 percent of the Instruction and General Budget is funded from unrestricted funds, the remaining coming from earnings operations and restricted or designated funds. Thus, the Instruction and General Budget is that part of the total University Budget affected most by the decisions the University makes about the allocation of its Unrestricted General Funds. Because the most direct allocation decisions occur in the expenditure of Unrestricted General Funds, the following analysis is presented for the proposed expenditure of those unrestricted funds for 1979-80.

The proposed Unrestricted General Funds Budget calls for expenditure increases of \$20.3 million over the 1978-79 base of \$192.6 million. This recommended Budget is balanced in part through internal savings and reallocation of \$2.9 million so that a net increase of \$17.4 million is projected.

The Unrestricted General Funds Budget for 1979-80 is designed to achieve the following:

- . Meet mandated cost increases for faculty/staff benefits, utilities, step increases for classified employees -- \$4.9 million.
- . Provide an 8.0 percent planned salary increase for continuing faculty and administrative/professional staffs -- \$6.6 million.
- . Provide a 9.0 percent adjustment for operating budgets to meet costs other than continuing personnel -- \$3.2 million.
- . Correct deficiencies in graduate associate stipends and equipment replacement programs -- \$2.3 million.
- . Replace capitation funding losses and address workload problems in selected departments -- \$1.6 million.

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

- . Set aside a Minimum Flexibility Fund as a hedge against revenue short-falls, to fund existing budget deficiencies (equipment replacement, accreditation requirements, etc.), and/or to undertake other activities (increased services to part-time students) -- \$1.6 million.

It is proposed that the preceding cost increases be met as follows:

- . Increase in instructional subsidies -- \$13.3 million.
- . Increases in combined instructional and general fees of \$10 per quarter for undergraduates, \$25 for graduate, \$30 for law students, and additional increases for other students -- \$2.4 million.
- . Increases in other income, and annualization of 1978-79 fee increases -- \$1.7 million.
- . Selective retrenchment of departments and offices -- \$1.0 million.

B. Costs of Proposed Budget

This section contains more detailed information about those Unrestricted General Fund costs listed in the preceding section. The new costs to be met are dealt with in the following categories: Mandated Costs, College and Office Budget Increases for Salary and Operating Costs, Correction of Deficiencies (graduate stipends, equipment, capitation losses, workload problems), and Minimum Flexibility Funds.

Mandated Costs. Mandated cost increases of \$4.9 million are projected for 1979-80 as a result of expected changes in employee benefit rates, utility rates, salary increases for classified employees, and additional fee compensation to offset increases in graduate fees.

Increase in Employee Benefits	\$1,268,000
Increase in Utilities Costs	\$2,200,000
Classified Staff Step Increases	\$ 450,000
Fee Compensation/Waivers	\$ 700,000
Other (Minimum Wage, Postage Rates, etc.)	\$ 323,500
TOTAL	\$4,941,500

These mandated cost increases generally exceed those that might be predicted on the basis of general inflationary pressures. For example, rises in utilities costs of 26 percent are forecast for 1979-80 despite active energy conservation programs operating on the campus. The costs of potential classified staff pay increases in addition to step increases will be added when the General Assembly acts on a pay bill currently in committee.

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BUDGET 1979-80 (contd)

College and Office Budget Increases. The planned average salary increase of 8 percent for regular, continuing faculty and administrative/professional staff would result in additional costs of \$6.6 million. Given expected turnover, the average salary for *all* employees in these categories -- including new and continuing -- should remain within the 7 percent increase limitation contained in the federal wage/price guidelines.

Because inflation in the general economy will almost certainly surpass 9 percent for the 1978-79 fiscal year, some erosion in the purchasing power of our faculty and professional staff will result from this 8 percent increase.

The 9 percent adjustment to the operating budget category -- which contains operating supplies and equipment costs -- would increase expenditures by \$1.9 million. Although this increase will almost meet inflationary costs borne during the past year, such funding does not correct for the 25-35 percent erosion in the purchasing power of these budgets that has occurred over the past nine years. A partial remedy is planned through a new equipment replacement program contained in the following section on Correction of Deficiencies.

Faculty and Administrative and Professional Salaries (+8%)	\$6,594,500
Other Budget Categories (+9%)	\$3,245,800
TOTAL	\$9,840,300

Correction of Deficiencies. Several problems facing the University must be addressed by resources in addition to those funds provided for annual inflationary price increases. These problems can be attributed to the past inflationary erosion of college and office budgets (graduate stipends, equipment replacement), shrinking line-item governmental funding (equipment replacement, capitation funding), or the workload demands that shifting enrollments and program emphases have placed on several departments and offices.

Graduate Associate stipends have diminished in purchasing power by more than 25 percent over the past 5 years. This budget contains a planned across-the-board increase of \$30 per month for continuing Graduate Associates to offset this erosion and improve the University's ability to attract the most talented students to our programs. This special increase, when combined with the standard salary guideline increase of 8 percent, should result in an average increase of 15 percent for continuing Graduate Associates, and would increase the Unrestricted Funds budget by \$825,000.

Equipment replacement programs have suffered the combined effects of inflation and sharp reductions in the State's capital construction program, an important source of funding for equipment. Much of the equipment purchased in conjunction with expansion of the University's facilities during the past 20 years is now worn out or outmoded. This equipment must be replaced from the Current, as opposed to Capital, Funds Budget, and this proposed budget contains \$1.5 million to partially address this problem.

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BUDGET 1979-80 (contd)

The distribution of enrollments among academic departments is constantly changing despite the relative stability of total University enrollment during the past few years, resulting in resource shortages in some growth areas. Resource needs have occurred in other departments and offices because of changing program emphases or have become apparent through program reassessment. A total of \$1.6 million, partially offset by \$1.0 million in retrenchment of other departments and offices, is contained in this proposed budget to address these needs.

Graduate Associate Stipends	\$ 825,000
Equipment Replacement	\$1,500,000
Workload Adjustments	\$1,600,000
TOTAL	\$3,925,000

Minimum Flexibility Fund. This proposed budget contains a Minimum Flexibility Fund of \$1.6 million to meet potential shortages in revenue and unexpected costs, or to remedy existing budget deficiencies if other income and expense factors permit. Major income uncertainties for 1978-79 are associated with uncertainty about the level of instructional subsidies that will appear in the final appropriations bill for 1979-81, a potential freeze of undergraduate instructional fees at 1978-79 levels that might be mandated by the General Assembly, and the levels of expenditures and funding contained in a pay bill for classified employees that is currently under consideration in the General Assembly. Funds remaining in this minimum flexibility category, after covering any shortages of revenue and unusual expenditures, would be used to strengthen the equipment replacement program, to selectively remedy work load problems not addressed in the preceding section on correction of deficiencies, and to fund administrative or support improvements which have a potential for long-range savings.

Savings/Retrenchment. The total cost of the proposed 1979-80 budget will be reduced by \$2.9 million obtained through selective base budget savings and retrenchment of the budgets of departments whose work load requirements do not justify current expenditure levels. Given the shifting program needs and emphases of the University, and resource levels that are expected to remain stable or decline in the coming years, retrenchment efforts are becoming an annual activity.

Total Cost of Budget Plan. The total net cost of the proposed budget plan for Unrestricted General Funds is as follows.

Mandated Costs	\$4,941,500
College and Office Budget Increases	\$9,840,300
Correction of Deficiencies	\$3,925,000
Minimum Flexibility Fund	\$1,600,000
Savings and Retrenchment	(\$2,911,600)

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

C. Resources to Meet Budget Plan

Increase in Instructional Subsidy. The appropriations bill for the upcoming biennium (Sub. H. B. 204) presently contains an additional \$13.3 million in instructional subsidies for 1979-80 over 1978-79 levels, provided that the University maintains its current level of enrollment. This would represent an increase of 11.2 percent over the 1978-79 subsidy level of \$118.2 million, and would yield an increase of 6.9 percent to the total Unrestricted General Fund of the University. We anticipate that the appropriations bill will be passed by the General Assembly prior to the beginning of the 1979-80 fiscal year on July 1.

Instructional Fees. It is recommended that full-time undergraduate instructional fees be increased by \$5 per quarter, provided that such increases are allowed under provisions contained in the appropriations bill that passes the General Assembly. Although the current Sub. H. B. 204 would freeze instructional fees at 1978-79 levels, proposals are under consideration in the General Assembly that would allow universities to raise fees to a \$795 academic year maximum, or some \$15 per year above the current OSU level of \$780.

Increases to partially offset inflationary costs are recommended for other students. These increases range from \$25 for graduate students (+7.6 percent) to an increase of \$50 per quarter in the College of Medicine (+7.5 percent). The complete list of proposed fees for 1979-80 is contained in the supplemental information for this budget.

General Fee. This proposed budget also assumes a general fee increase of \$5 from \$65 to \$70 per quarter. Under Ohio law, revenues from the general fee are to be used in support of "non-instructional institutional services performed for the benefit of enrolled students." At OSU, this includes such things as the operation of the Ohio and Drake Unions, the counseling and consultation center, the student health center, various student organizations, student financial aids, and the intramural and recreational sports program.

This \$5 increase represents a 7.7 percent increase over 1978-79 levels and is necessary to support the compensation increases and other inflationary cost rises to be encountered by those programs.

Other Income. Revenues from a variety of other sources should realize an increase of \$2.2 million. For example, annualization of the fee increases instituted in the autumn of 1978-79 should produce additional revenues of approximately \$0.5 million for 1979-80. Other income from federal sources, the University's cash management program, unrestricted endowments, indirect cost recovery from grants and contracts, etc., should produce an additional \$1.7 million. These increases can be applied to meet the revenue needs of the Unrestricted General Funds Budget.

Total Additional Revenues.

Increase in Subsidy	\$13,271,200
Instructional Fees	\$ 1,300,000
General Fees	\$ 650,000
Other Income	\$ 2,174,000
GRAND TOTAL	\$17,395,200

June 7, 1979 meeting, Board of Trustees

BUDGET 1979-80 (contd)

D. Adjustment to Resource Changes

If resources for 1979-80 do not meet expectations, the budget will be cut back accordingly. The obvious areas for reduction would be in those funds that have not yet been committed to colleges and offices, i.e., the Minimum Flexibility Funds. Additionally, we will adopt alternate plans to reduce the equipment replacement program and other Correction of Deficiencies funding if necessary. If subsequent events cause us to reevaluate this budget, we will present a revised budget to the Board of Trustees.

IV. RECOMMENDATIONS

It is recommended that:

- . The budget as proposed for the fiscal year 1979-80 be approved.
- . The schedule of fees for the autumn quarter, 1979 be approved.
- . The Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including salary rolls with academic promotions and the fees and charges for the 1979-80 fiscal year and to file these materials with the official records of the University.

Upon motion of Dr. Sirak, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 79-144

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Other Personnel Actions; Appointments; Reappointment of Chairmen of Departments, Academic Faculties, and Divisions; Leaves of Absence Without Salary; Professional Improvement Leave; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the "Salary Roll" of the University since the May 4, 1979 meeting of the Board, including the following Other Personnel Actions; Appointments; Reappointment of Chairmen of Departments, Academic Faculties, and Divisions; Leaves of Absence Without Salary; Professional Improvement Leave; and Emeritus Titles, as detailed in the University Budget for 1978-79 be approved.

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS)

	1978-79 Revised Budget	1979-80 Provisional Budget
Columbus Campus		
Instruction and General		
Departmental Instruction and Research	\$145,087	\$157,203
Libraries	8,369	9,614
Other Academic Support	2,555	2,835
Sponsored Programs Administration	2,469	2,639
Student Services	8,179	8,934
Plant Operation	25,849	28,266
Institutional Support	15,249	16,762
Total Instruction and General	\$207,757	\$226,253
Sponsored Research		
Research Foundation	\$ 32,770	\$ 34,935
Engineering Experiment Station	1,795	1,880
University Sponsored Programs	827	938
Other	3,001	3,000
Total Sponsored Research	\$ 38,393	\$ 40,753
Public Service		
University Hospitals	\$ 81,558	\$ 89,854
Cooperative Extension Service	20,139	20,887
University Sponsored Programs	2,346	2,679
Other	13,677	14,476
Conferences	2,535	2,694
Total Public Service	\$120,255	\$130,590
Student Aid	\$ 6,327	\$ 6,542

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
BUDGETED EXPENDITURES FOR 1979-80
(IN THOUSANDS)

	1978-79 Revised Budget	1979-80 Provisional Budget
Columbus Campus (contd)		
Auxiliaries		
Student Housing	\$ 19,302	\$ 21,334
Intercollegiate Athletics	8,254	10,119
University Bookstores	4,767	5,318
Student Health Service	2,384	2,586
Student Unions	2,474	2,698
Parking Facilities	2,572	3,009
University Airport	1,901	1,765
Fawcett Center for Tomorrow	1,514	1,669
Other	807	886
Total Auxiliaries	\$ 43,975	\$ 49,384
TOTAL COLUMBUS CAMPUS	\$416,707	\$453,522
Regional Campuses		
Administration	\$ 179	\$ 196
Lima Campus	2,291	2,514
Mansfield Campus	2,290	2,398
Marion Campus	1,353	1,479
Newark Campus	2,101	2,041
Agricultural Technical Institute	2,413	2,848
Wright-Patterson Graduate Center	125	100
Total Regional Campuses	\$ 10,752	\$ 11,576
GRAND TOTAL	\$427,459	\$465,098

June 7, 1979 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY
1979-80 CURRENT FUNDS BUDGET
SOURCES OF INCOME TO SUPPORT 1979-80 BUDGET
(IN THOUSANDS)

	1978-79 Estimated Income	1979-80 Estimated Income
Columbus Campus		
Government Appropriations		
State of Ohio	\$143,070	\$157,571
Federal	56,670	59,250
Other	5,345	5,650
Subtotal	\$205,085	\$222,471
Student Fees		
Instruction and General	\$ 58,830	\$ 61,735
Room and Board	16,158	17,743
Other	2,887	3,058
Subtotal	\$ 77,875	\$ 82,536
Other Income		
Auxiliary Sales and Charges	\$ 98,461	\$110,476
Department and University Services	15,654	16,247
Endowment Income	3,637	4,226
Gifts and Grants	13,962	15,957
Temporary Investments	2,800	3,000
Subtotal	\$134,514	\$149,906
TOTAL COLUMBUS CAMPUS	\$417,474	\$454,913
Regional Campuses		
Lima Campus	\$ 2,623	\$ 2,814
Mansfield Campus	2,656	2,712
Marion Campus	1,552	1,693
Newark Campus	2,424	2,321
Agricultural Technical Institute	2,625	3,068
Wright-Patterson Graduate Center	125	100
TOTAL REGIONAL CAMPUSES	\$ 12,005	\$ 12,707
GRAND TOTAL	\$429,479	\$467,620

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1979

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Undergraduate						
Administrative Science						
Agriculture and Home Economics						
Allied Medical Professions						
Architecture						
Biological Sciences						
Continuing Education						
Dental Hygiene	0-1	\$ 44	\$ 9	\$ 53	\$ 35	\$ 88
Education	2	55	13	68	71	139
Engineering	3	66	18	84	106	190
Health, Physical Education and Recreation	4	88	24	112	142	254
Humanities	5	111	29	140	177	317
Journalism	6	133	35	168	213	381
Mathematical and Physical Sciences	7	155	41	196	248	444
Music	8	177	47	224	283	507
Natural Resources	9 or more	265	70	335	425	760
Nursing						
Pharmacy						
Social and Behavioral Sciences						
Social Work						
The Arts						
University College						

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1979 (contd)

College or School	Credit Hours Enrolled	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Graduate School	0-1	\$ 44	\$ 9	\$ 53	\$ 35	\$ 88
	2	66	13	79	71	150
	3	88	18	106	106	212
	4	118	24	142	142	284
	5	148	29	177	177	354
	6	178	35	213	213	426
	7	207	41	248	248	496
	8	236	47	283	283	566
	9 or more	355	70	425	425	850
Graduate Professional						
Law	0-3	\$ 95	\$18	\$113	\$137	\$ 250
	4	126	24	150	183	333
	5	158	29	187	229	416
	6	190	35	225	275	500
	7 or more	380	70	450	550	1,000
Medicine	0-3	\$178	\$18	\$196	\$137	\$ 333
	4	238	24	262	183	445
	5	298	29	327	229	556
	6	358	35	393	275	668
	7 or more	715	70	785	550	1,335
Dentistry Optometry Veterinary Medicine	0-3	\$135	\$18	\$153	\$137	\$ 290
	4	180	24	204	183	387
	5	225	29	254	229	483
	6	270	35	305	275	580
	7 or more	540	70	610	550	1,160

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1979 (contd)

College or School	Credit Hours	Instructional	General	Resident Total	Out-of-State Tuition	Non-
	Enrolled					Resident Total
University Regional Campuses						
Undergraduate	0-1	\$ 44	\$ 5	\$ 49	\$ 35	\$ 84
	2	55	9	64	71	135
	3	66	14	80	106	186
	4	88	19	107	142	249
	5	111	23	134	177	311
	6	133	27	160	213	373
	7	155	32	187	248	435
	8	177	37	214	283	497
	9 or more	265	55	320	425	745
Graduate	0-1	\$ 44	\$ 5	\$ 49	\$ 35	\$ 84
	2	66	9	75	71	146
	3	88	14	102	106	208
	4	118	19	137	142	279
	5	148	23	171	177	348
	6	178	27	205	213	418
	7	207	32	239	248	487
	8	236	37	273	283	556
	9 or more	355	55	410	425	835

Undergraduate and graduate students enrolled in any quarter, term, or period for nine or more credit hours will be assessed full fees. Fees for undergraduate and graduate students enrolled for eight or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the fees for fewer than three credit hours as shown above and with the minimum instructional fee being \$44 for zero or one credit hour.

Graduate professional students (those enrolled in any quarter, term, or period for seven or more credit hours) will be assessed full fees. Fees for graduate professional students enrolled for six or fewer hours in any quarter, term, or period shall be assessed on a per credit hour basis, with the minimum fee for fewer than three credit hours being the fee for three credit hours.

SCHEDULE OF STUDENT FEES, EFFECTIVE AUTUMN QUARTER, 1979

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$265	\$70	\$335	\$425	\$ 760
Agriculture and Home Economics	265	70	335	425	760
Arts and Sciences	265	70	335	425	760
The Arts	265	70	335	425	760
Biological Sciences	265	70	335	425	760
Humanities	265	70	335	425	760
Mathematical and Physical Sciences	265	70	335	425	760
Social and Behavioral Sciences	265	70	335	425	760
Education	265	70	335	425	760
Engineering	265	70	335	425	760
Graduate School	355	70	425	425	850
Dentistry	540	70	610	550	1,160
Dental Hygiene	265	70	335	425	760
Law	380	70	450	550	1,000
Medicine	715	70	785	550	1,335
School of Allied Medical Professions	265	70	335	425	760
School of Nursing	265	70	335	425	760
Optometry	540	70	610	550	1,160
Pharmacy	265	70	335	425	760
Veterinary Medicine	540	70	610	550	1,160
University College	265	70	335	425	760
University Regional Campuses					
Undergraduate	265	55	320	425	745
Graduate	355	55	410	425	835

June 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

President Enarson made the following statement:

With your forbearance I would like to make a few brief comments about some of these personnel actions. I have already spoken fulsomely in praise of Dr. Kuhn and I am tempted to do so again but even Al would begin to find this tiresome and repetitive. I must say that he is already taking on some of the traditional characteristics of the faculty member. There is a certain querulousness that has overtaken him here--I can see that he is counting on visiting the Elysian Fields of Oxford before long--but I am sure that we all look forward to having you back, Al, the first of the new year, and I for one, am confident that you are going to have a superb experience this summer and in the autumn.

I will comment briefly on the next action--this is the resignation of Eric Gilbertson who is sitting over here lawyer-like today, counting the days until he is reprieved and at long last after six years of tyranny reverts to his essentially litigious character as a lawyer. When I looked around for an assistant six years ago, I looked for somebody who was bright, energetic, hardworking and capable of telling me things I didn't want to hear. I must say he has fulfilled all of this--much too well at times. I told him foolishly when he came here that no one should be an assistant to the president for more than about three or four years--that there was heady stuff and it was ultimately destructive of a man. He reminded me of that two years ago and I said that I didn't think four years was exactly it. I promised him an exciting additional year, and in short, I conned him into staying six years. I could no longer face my conscience nor could he any longer face me. Very, very seriously, I want to pay public tribute to Eric. I couldn't have had a finer ally and a finer associate here at the University and he will be much missed.

Other Personnel Actions

ALBERT J. KUHN, Professor, Department of English, effective July 1, 1979 through August 31, 1979, to serve as Director of Oxford Program at Oxford University, Oxford, England; September 1, 1979 through December 31, 1979, professional improvement leave; January 1, 1980, Professor, Department of English.

ERIC R. GILBERTSON, Executive Assistant to the President, Office of the President, will resign his position effective July 1, 1979.

Appointments

Name:	WYNETKA ANN KING REYNOLDS
Titles:	Provost, Office of Academic Affairs, and Professor, Departments of Anatomy and Obstetrics and Gynecology
Effective:	September 1, 1979
Salary:	\$54,840 (12 months)
Present Positions:	Associate Vice Chancellor for Research, and Dean of the Graduate College, University of Illinois Medical Center.

June 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: H. JUSTIN DAVIDSON
Titles: Dean, College of Administrative Science, and Professor
Academic Faculty of Accounting
Effective: July 1, 1979
Salary: \$52,080.00 (12 months)
Present Positions: Dean and Professor of Public Administration, Graduate
School of Business and Public Administration, Cornell
University

Name: ANNE S. PRUITT
Title: Associate Dean, Graduate School
Effective: August 15, 1979
Salary: \$39,480.00 (12 months)
Present Positions: Assistant to the Vice Presidents for Academic Affairs,
and Professor of Education, Case Western Reserve Uni-
versity

Name: KARL F. GRAFF
Titles: Professor and Chairman
Department: Welding Engineering
Effective: July 1, 1979
Salary: \$44,880.00 (12 months)
Present Position: Professor, Department of Engineering Mechanics

Name: STUART L. PETRIE
Titles: Professor and Chairman
Department: Aeronautical and Astronautical Engineering
Effective: July 1, 1979
Salary: \$42,480.00 (12 months)
Present Position: Professor, Department of Aeronautical and Astronautical
Engineering

Name: JAGDISH S. RUSTAGI
Titles: Professor and Chairman
Department: Statistics
Effective: October 1, 1979
Salary: \$41,040.00 (9 months)
Present Position: Professor, Department of Statistics

Name: CRAIG SCOTT MUELLER
Title: Director of Communication Services
Office: Public Affairs
Effective: June 15, 1979
Salary: \$23,520.00 (12 months)
Present Position: Assistant Director, Information Services, University of
South Florida

June 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Chairmen of Departments, Academic Faculties and Divisions

July 1, 1979 through June 30, 1983

Agricultural Economics and Rural Sociology	David H. Boyne
Botany	Emanuel D. Rudolph
Computer and Information Science	Lee J. White
Early and Middle Childhood Education	C. Ray Williams
Labor and Human Resources	Herbert Parnes
Plant Pathology	Ira W. Deep
Veterinary Preventive Medicine	C. Richard Dorn
Vocational-Technical Education	Aaron J. Miller

July 1, 1979 through June 30, 1981

Theatre	John A. Walker
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July 1, 1979 through June 30, 1980

Family Medicine	Tennyson Williams
Obstetrics and Gynecology	Frederick P. Zuspan
Otolaryngology	William H. Saunders
Pathology	Donald A. Senhauser
Pharmacognosy and Natural Products Chemistry	Raymond W. Dorskotch
Physical Medicine	Ernest W. Johnson
Surgery	Larry C. Carey

October 1, 1979 through September 30, 1983

Communication	James L. Golden
Geography	John W. Rayner
Judaic and Near Eastern Languages and Literatures	Yehiel Hayon

October 1, 1979 through September 30, 1980

East Asian Languages and Literatures	Miles K. McElrath
Physics	E. Leonard Jossem

Leaves of Absence Without Salary

SYLVAN G. FRANK, Associate Professor, College of Pharmacy, effective July 15, 1979 through August 31, 1979, to continue as visiting professor at The Swedish Institute for Surface Chemistry.

June 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

GWENDOLYN C. GILBERT, Associate Professor, College of Social Work, effective October 1, 1979 through September 30, 1980, to continue as Director of the Center for Change and Leadership, Columbus Urban League.

STEVEN H. SANDELL, Assistant Professor, Department of Economics, effective October 1, 1979 through September 30, 1980, to accept a Brookings Economic Policy Fellowship.

CATHERINE E. MORRISON, Instructor, School of Nursing, effective April 1, 1979 through June 30, 1979, for personal reasons.

ELIZABETH T. STEFANICS, Instructor, School of Health, Physical Education and Recreation, effective October 1, 1979 through September 30, 1980, to fulfill residency requirements for the Ph.D. program at University of Minnesota.

Professional Improvement Leave

DENNIS P. STOMBAUGH, Associate Professor, Department of Agricultural Engineering, Spring Quarter 1980, Summer Quarter 1980 and Autumn Quarter 1980.

Emeritus Titles

WAYNE WOODROW HAYES, School of Health, Physical Education and Recreation, with the title Head Football Coach and Professor Emeritus, effective July 1, 1979.

WILFRID RAYMOND FOSTER, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1979.

R. DALE GLASS, Cooperative Extension Service, with the title Professor Emeritus, effective June 1, 1979.

WILLIAM D. HEINTZ, College of Dentistry (Prosthodontics), with the title Professor Emeritus, effective July 1, 1979.

JAMES A. KREIDER, College of Dentistry (Prosthodontics), with the title Professor Emeritus, effective July 1, 1979.

LESLIE H. MILLER, Department of Mathematics, with the title Professor Emeritus, effective September 1, 1979.

WILLIAM J. MILLER, Department of Otolaryngology, with the title Professor Emeritus, effective July 1, 1979.

June 7, 1979 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

GUS C. PAPPAS, College of Dentistry (Oral Biology), with the title Professor Emeritus, effective July 1, 1979.

HAROLD EDWARD DILLEY, College of Dentistry (Prosthodontics), with the title Associate Professor Emeritus, effective July 1, 1979.

ROBERTA F. UTTERBACK, Academic Faculty of Early and Middle Childhood Education, with the title Associate Professor Emeritus, effective July 1, 1979.

JOHN F. VERMILYA, Cooperative Extension Service, with the title Associate Professor Emeritus, effective June 1, 1979.

G. DEMING SEYMOUR, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1979.

FRED R. TAYLOR, School of Health, Physical Education and Recreation, with the title Assistant Professor Emeritus, effective July 1, 1979.

FREDERIC C. WISE, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1979.

Warren Smith made the following statement:

I notice in the emeritus titles that we're going to grant a title to Coach Hayes, and I wanted to comment on that because I will vote against the motion in its entirety, and I don't want it indicated that I voted against these other people. In a sense I'm really not voting against Coach Hayes, because I think he has done some great things for this university. But on the other hand, he's done some other things which we're not too proud of, and the last thing caused his dismissal from this university and his discharge for his conduct. And I don't think you give the title emeritus to people who leave the university in that manner. In some ways it diminishes that title. We have people who have worked 25, 30 and 40 years to gain that title, and I think it's unfair to those people, in a way; and for that reason I would vote against this motion.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees approved the foregoing resolution with six affirmative votes cast by Mrs. James, Mr. Devenow, Dr. Jacob, Mr. Hilliker, Mr. Havens, and Mr. Galbreath, one negative vote cast by Mr. Smith and Dr. Sirak abstained from voting.

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June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS

Resolution No. 79-145

Synopsis: The reports on contracts, grants and gifts and the summary for April are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni and various individuals in support of research, instructional activities and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of April 1979, be approved.

Upon motion of Mr. Devenow, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR APRIL 1979

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	53	\$2,454,474.00
Engineering Experiment Station	2	53,934.00
		\$2,508,408.00
Establishment of Named Funds		
Donald E. Zehr Graduate Research Fellowship in Agricultural Economics (Graduate student research in Department of Agricultural Economics and Rural Sociology)		\$ 25,000.00

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

SUMMARY FOR APRIL 1979 (contd)

Establishment of Named Funds (contd)

The Clara M. Bancroft Home Economics Education Fund (Home Economics Education Department)	\$ 22,479.18
The Clara M. Bancroft Phi Upsilon Omicron Fund (School of Home Economics)	11,239.59
The Society of Alumni and Friends of the School of Music Scholarship Fund (Undergraduate music majors)	10,925.00
The M. S. Newman Fund (Professorship in area of organic chemistry)	10,818.00
Edmund M. Spieker Memorial Scholarship Fund (Scholarships in field geology)	10,496.00
The William R. Diehl, Jr., Memorial Fund (Student Athlete Grant-in-Aid)	5,100.00

Change in Name of Fund

From:	The Merriss Cornell Memorial Fund - The College of Social Work
To:	The Professor Merriss Cornell Memorial Fund - The College of Social Work

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

Report from Presidents Club

Members to date	3,056
1979: year to date	213
New members - April 1979	96

New Presidents Club Members - April 1979

Guy M. Acerra	Charles J. Manofsky
D. M. Andrews	Robert A. Matici
Barbara Cox Anthony (Mrs. Garner)	Thomas McBride
Wayne A. Asbury	Winfield C. Meek
Larry D. Barker	Gerard E. Modecki
Larry E. Basel	Eric D. Moen
Jean Carol Bay (Mrs. William H.)	William R. Murphy
Rick C. Bell	Terrance E. Nessif
David M. Blazer	James B. Osborne
Joyce A. Bors (Mrs. G. Michael)	Harvey M. Oury
Paul E. Bowles	Sue C. Pagniano
Phil A. Bowman	Michael C. Peters
Clair M. Carlin	Louis E. Posey
John E. Craine	Charles R. Price
William A. Crawford	David E. Price
Lee R. Davis	Robert C. Prophater, Jr.
James L. Deagel	George E. Ralph
John F. Downard	John E. Rance
James N. Doyle	Laurie L. Read
Eugene V. Endres	F. David Resch
Walter J. Engel III	William K. Root
Marcia S. Essig (Mrs. Garth)	David A. Russell
William D. Finley	Lawrence M. Saltis
James P. Finn	Dennis C. Sargent
James E. Fosnaugh	Gordon H. Savage
Harold R. Frick	Ralph E. Schramm
Peter J. Gee	Harry A. Scott, Jr.
John E. Gibson IV	Dolores R. Shondel
Steven L. Grace	Delbert R. Smith III
William E. Greene, Jr.	Richard A. Smudz
Robert S. Guminey	Daniel G. Snow
Thomas R. Gustin	James R. Stahl
D. Robert Haas	Richard R. Stander, Jr.
Jay Hall, Jr.	Dan T. Stowe
Paul B. Haynes	James E. Strouse
Bruce Hieronymus	Ted Teach
R. Patrick Hiller	Thomas L. Tibbals
Robert L. Hillyer	Harry M. Valentine III
Wayne F. Hootman	Jack Van Fossen
Anthony E. Incorvia	Wesley L. Walker
John M. Jones	David A. Westbrook
Robert A. Lanciault	Lawrence W. Wick
Thomas J. LaSalle	Charles G. S. Williams
Dennis R. Laub	Robert C. Williams
Robert P. Lawhun	Gary L. Wilson
Bruce C. Lazear	L. Craig Wright
David B. Lehman	Robert L. Wright, Jr.
James R. Leventry	Jeffrey R. Yocca

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1 , 1979 through March 31, 1979

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Donors	No. of Donors	Level of Support
ANNUAL GIVING		
Direct Mail	149	\$ 2,632.00
Annuaals	184	12,884.91
Miscellaneous	4,584	135,071.61
Community Campaigns	85	1,480.50
Corporate Matching Gifts	81	27,497.43
TOTALS	5,083	\$ 179,566.45
MAJOR RESOURCES		
Deferred Gifts	14	\$ 199,429.95
Major Individuals	352	176,412.80
Corporate	373	647,415.09
Foundations	173	287,591.76
TOTALS	912	\$1,310,849.60
GRAND TOTAL	5,995	\$1,490,416.05

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$455,598.00 - Department of Energy, Washington, D. C., PROGRAM PLANNING AND MANAGEMENT: Provide Technical Assistance to State Regulatory Commissions in Developing Conservation Programs, National Regulatory Research Institute (D. N. Jones and R. W. Lawton), 1 May 1979 through 30 September 1979. (Project 760898 - Continuation)

\$145,890.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies on the Epstein-Barr Virus and Its Association with Nasopharyngeal Carcinoma, Department of Medical Microbiology (R. Glaser), 1 April 1979 through 31 March 1980. (Project 761081 - Continuation)

\$131,257.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine (H. G. Cramblett), 1 April 1979 through 31 March 1980. (Project 761078 - Continuation)

\$108,214.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School (J. B. LaPidus), 1 April 1979 through 31 March 1980. (Project 764748 - Continuation)

\$99,662.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Legislative Provisions for the Improvement of Guidance and Personnel Development, National Center for Research in Vocational Education (R. E. Taylor), 1 April 1979 through 31 March 1980. (Project 761400 - Continuation)

\$98,265.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Carcinogenic, Mutagenic and Cytotoxic Mechanism (DMBA), College of Pharmacy (D. T. Witiak) and Department of Radiology (R. W. Hart), 1 April 1979 through 31 March 1980. (Project 760652 - Continuation)

\$80,749.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Physiology and Histopathology of Arterialized Vein Grafts, Department of Surgery (J. S. Vasko and J. F. Cornhill) and Department of Aeronautical and Astronautical Engineering (R. M. Nerem), 1 May 1979 through 30 April 1980. (Project 764036 - Continuation)

\$63,426.00 - National Science Foundation, Washington, D. C., Spatial Competence Based on Environmental Cue Selection, Department of Geography (J. N. Rayner) and College of Social Work (J. J. Parnicky), 1 May 1979 through 30 April 1980. (Project 761142 - Continuation)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$61,919.00 - National Science Foundation, Washington, D. C., Stereoscopic Visual and Anemometry Studies of Coherent Motions in Turbulent Shear Flows, Department of Chemical Engineering (R. S. Brodkey), 1 May 1979 through 31 March 1980. (Project 761061 - Continuation)

\$60,954.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 1 April 1979 through 28 February 1980. (Project 760226 - Continuation)

\$60,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C., Continuation Application for the Bureau of Education for the Handicapped Personnel Preparation Program, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1979 through 31 May 1980. (Project 761130 - Continuation)

\$59,977.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Alpha-Adrenergic Effects on Heart Metabolism, Department of Physiological Chemistry (F. A. Kruger), 1 April 1979 through 31 March 1980. (Project 761055 - Continuation)

\$56,343.00 - National Science Foundation, Washington, D. C., Serial Relations: Research and Theory on Dynamic Context Effects, Department of Psychology (M. R. Jones), 1 May 1979 through 30 April 1980. (Project 761104 - Continuation)

\$56,227.00 - Department of Agriculture, Washington, D. C., Institution Support from the Animal Health and Disease Research Act of 1977, College of Veterinary Medicine (R. A. Wright), Department of Veterinary Preventive Medicine (W. P. Heuschele) and Department of Veterinary Pathobiology (L. Nagode and R. G. Olsen), 1 February 1979 through 30 September 1979. (Project 761524 - New)

\$55,818.00 - National Science Foundation, Washington, D. C., Glaciological Investigation of the Dome C Area, East Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 October 1979 through 30 June 1980. (Project 760780 - Continuation)

\$52,181.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Development of New Methods to Assay Enzyme Reactions, College of Pharmacy (C. L. Olson), 1 May 1979 through 30 April 1980. (Project 762791 - Continuation)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$49,999.00 - Department of the Air Force, Air Force Office of Scientific Research, Washington, D. C., Long Bone and Joint Response to Mechanical Loading (Biomechanics of Flail Injuries), Department of Engineering Mechanics (A. E. Engin), 1 April 1979 through 30 September 1979. (Project 761590 - New)

\$49,929.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, ElectroScience Laboratory, Department of Electrical Engineering (L. Peters and W. D. Burnside), 1 May 1979 through 30 April 1980. (Project 761608 - New)

\$47,500.00 - National Science Foundation, Washington, D. C., Inelastic Lateral-Torsional Buckling of Continuous Steel Beams, Department of Civil Engineering (M. Ojalvo), 1 April 1979 through 30 September 1980. (Project 761592 - New)

\$46,800.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Graduate and Professional Opportunities Program Fellowship Support, Graduate School (J. B. LaPidus), 1 September 1979 through 31 August 1980. (Project 761618 - Continuation)

\$45,186.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Psychology (R. J. Jagacinski) and Department of Aviation (R. D. Gilson), 1 February 1979 through 31 January 1980. (Project 760476 - Continuation)

\$45,000.00 - Department of Health, Education and Welfare, Office of Education, Bureau of Education for the Handicapped, Washington, D. C. (Pre-Service Program Continuation)--An Interdisciplinary Graduate Program in Physical Education with Specialization in Adapted Physical Education, School of Health, Physical Education and Recreation (W. F. Ersing), 1 June 1979 through 31 May 1980. (Project 761190 - Continuation)

\$41,893.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Survival Factors (Nodes, Histology), E-B Virus-Nasopharyngeal Carcinoma, Department of Otolaryngology (D. E. Schuller), 1 April 1979 through 31 March 1980. (Project 761591 - New)

\$39,662.00 - Department of Labor, Washington, D. C., Assessment of the Impact of Regulatory Changes on Collective Bargaining Strategies and Outcomes in the Gas and Electric Utilities Within the State of Ohio, Academic Faculty of Management Science (R. C. Miljus and A. Campagna) and College of Administrative Science, Division of Continuing Education (C. Slanicka), 1 January 1979 through 28 June 1979. (Project 760916 - Continuation)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$35,221.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1979 through 31 March 1980. (Project 760661 - Continuation)

\$31,955.00 - National Science Foundation, Washington, D. C., Research Initiation - Sulfur Fixation During Partial Coal Combustion Using Zinc Oxide, Department of Metallurgical Engineering (C. B. Shumaker), 15 April 1979 through 30 April 1981. (Project 761617 - New)

\$30,606.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine (C. R. Smith), 1 April 1979 through 31 March 1980. (Project 762776 - Continuation)

\$29,871.00 - National Science Foundation, Washington, D. C., Studies in the Genus Lupinus, Department of Botany (B. A. Schaal), 15 April 1979 through 30 April 1980. (Project 761579 - New)

\$27,484.00 - National Science Foundation, Washington, D. C., Steric Effects in Polycyclic Aromatic Hydrocarbons, Department of Chemistry (M. S. Newman and D. W. Meek), 1 May 1979 through 30 April 1980. (Project 761602 - Continuation)

\$26,606.00 - National Science Foundation, Washington, D. C., Pre-College Teacher Development in Science, Department of Geology and Mineralogy (R. O. Utgard), 1 April 1979 through 31 July 1980. (Project 761593 - New)

\$26,000.00 - National Science Foundation, Washington, D. C., Investigations of Ferrar Group Rocks and Mt. Erebus, South Victoria Land, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (P. R. Kyle), 1 May 1979 through 29 February 1980. (Project 761127 - Continuation)

\$19,763.00 - Department of Labor, Office of Administrative Services, Washington, D. C., Alternative Approaches to Grievance Resolutions, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (H. R. Blaine and M. H. Sandver) and College of Administrative Science, Division of Continuing Education (R. M. Montgomery), 1 January 1979 through 28 September 1979. (Project 760917 - Continuation)

\$17,294.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1979 through 31 March 1980. (Project 761080 - Continuation)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$15,680.00 - Department of Agriculture, Forest Service, Broomall, Pennsylvania, Production of Spruce Budworm Baculovirus in Larva of the Cabbage Looper, *Trichoplusia ni*, Department of Entomology (G. R. Stairs), 1 April 1979 through 30 March 1980. (Project 761597 - New)

\$13,014.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds, Department of Chemistry (M. S. Newman and D. W. Meek), 1 March 1979 through 30 September 1979. (Project 761809 - Continuation)

\$11,700.00 - Department of Health, Education and Welfare, Office of Education, Washington, D. C., Public Service Education, Title IX, HEA 1965 Fellowship Award Application of OSU School of Public Administration, School of Public Administration (C. V. Oster), 15 September 1979 through 16 June 1980. (Project 761598 - Continuation)

\$10,650.00 - Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Development of Effective Therapy for Sickle Cell Disease, Department of Medicine (S. P. Balcerzak), 29 March 1979 through 25 July 1979. (Project 760079 - Continuation)

\$9,994.00 - Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., Evaluating the Impact of the Ohio Shock Parole Program, Department of Sociology (J. Scott and R. Bonde), 1 April 1979 through 30 September 1979. (Project 761596 - New)

\$9,300.00 - National Science Foundation, Washington, D. C., The Master List of Non-Stellar Optical Objects, Department of Electrical Engineering (J. D. Kraus), 15 January 1979 through 31 January 1980. (Project 761607 - New)

\$8,983.00 - California Institute of Technology, Jet Propulsion Laboratory, Pasadena, California, A Study of Water Vapor Absorption at Twelve CO₂ Laser Frequencies, ElectroScience Laboratory, Department of Electrical Engineering (R. J. Nordstrom), 1 May 1979 through 31 August 1979. (Project 761612 - New)

\$7,456.00 - National Science Foundation, Washington, D. C., Comparative Cytology and Biochemistry of Selected Green Algae, Department of Botany (G. L. Floyd), 20 March 1979 through 31 October 1979. (Project 760559 - Continuation)

\$4,755.00 - Department of Health, Education and Welfare, National Institute of Education, Washington, D. C., Development of an Analytical Report Dealing with Mathematics Education in the USSR, Academic Faculty of Science-Mathematics Education (R. W. Howe), 1 April 1979 through 30 August 1979. (Project 761083 - Continuation)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$4,400.00 - National Science Foundation, Washington, D. C., High Dispersion Spectroscopic Studies of Gaseous Nebulae in the Region from 4000 to 8500 A, Department of Astronomy (S. J. Czyzak), 1 July 1979 through 28 February 1981. (Project 760469 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$2,353,181.00**

State of Ohio Research Contract/Grant

\$3,000.00 - The Ohio Program in the Humanities, Columbus, Ohio, Human Values in an Institution for Older Americans, Department of Psychology (R. Scott), 1 June 1979 through 31 August 1979. (Project 761246 - Continuation)

Industrial, Private and Other Non-Federal Research Contracts/Grants

\$55,000.00 - General Electric Foundation, Bridgeport, Connecticut, Leaders in Career Development Program: 1979 Institute, Academic Faculty of Special Services (A. C. Riccio) and National Center for Research in Vocational Education (R. E. Taylor), 1 April 1979 through 31 December 1979. (Project 761594 - Continuation)

\$12,478.00 - Dorsey Laboratories, Lincoln, Nebraska, A Controlled Release Oral Drug Delivery System, College of Pharmacy (S. G. Frank), 1 January 1979 through 31 December 1979. (Project 760600 - Continuation)

\$10,000.00 - The Petroleum Research Fund, American Chemical Society, Washington, D. C., Rearrangements of Triplet States, Department of Chemistry (M. S. Platz), 1 April 1979 through 31 March 1981. (Project 761595 - New)

\$10,000.00 - Distilled Spirits Council of the United States, Inc., Washington, D. C., Effect of Ethanol on the Activities of Enzymes of Glucose Metabolism, Department of Pharmacology (G. A. Tejwani), 1 July 1979 through 30 June 1980. (Project 761605 - New)

\$6,322.00 - University of Dayton, Research Institute, Dayton, Ohio, Evaluation of Rheological Data, Department of Chemical Engineering (R. S. Brodkey), 1 March 1979 through 30 September 1979. (Project 761166 - Continuation)

\$2,428.00 - James Marshall Fund, Inc., New York, New York, Conflict Management in Environmental Regulatory Administration, School of Public Administration (S. V. Lundstedt), 1 March 1979 through 29 February 1980. (Project 761606 - New)

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private and Other Non-Federal Research Contracts/Grants (contd)

\$1,000.00 - American Cancer Society, Inc., New York, New York, Stereochemistry of Enzymatic Reactions at Phosphorus, Department of Chemistry (P. A. Frey), 1 January 1979 through 31 December 1979. (Project 761600 - New)

\$565.00 - State Fair Community College, Sedalia, Missouri, Technical Assistance, National Center for Research in Vocational Education (R. E. Taylor), 1 May 1979 through 31 May 1979. (Project 768019 - New)

\$500.00 - The Procter & Gamble Company, Cincinnati, Ohio, Scope Efficacy Trials, Department of Oral Biology (S. Rosen), 28 March 1979 through 31 December 1979. (Project 761481 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$ 98,293.00
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ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$52,934.00 - Transit Development Corporation, Inc., Washington, D. C., for Fire Safety Evaluation of Rapid Transit Systems, Department of Chemical Engineering, April 6, 1979 through April 5, 1980. (EES 588/529068)

\$1,000.00 - Maryland Department of Transportation, Brooklandville, Maryland, for Repair of a Skid Measurement System, Transplex, April 30, 1979 through May 31, 1979. (D-6633)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT	\$ 53,934.00
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THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$65,000.00 - E. I. duPont de Nemours and Company, Wilmington, Delaware: \$22,500.00 for the duPont Fund for Research in Chemistry; \$15,000.00 for the duPont Fund for Mechanical Engineering; \$12,500.00 for the duPont Occupational and Environmental Health Grant; \$11,500.00 for the duPont Fund for Research in Chemical Engineering; and \$3,500.00 for the duPont Business Grant.

\$50,000.00 - Chemlawn, Columbus, Ohio, for Parkinson's Disease Research.

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$39,400.00 - Pfizer, Inc., Groton, Connecticut, for the Clinical Pharmacology Fund.

\$25,503.86 - Louise Orr Scott Foundation, Columbus, Ohio: \$19,127.90 for the William Craig Orr and Mary Black Orr Scholarship in Medicine and \$6,375.96 for the William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$19,216.68 - Systems Associates, Columbus, Ohio: \$10,478.31 for the Department of Medicine General Fund and \$8,738.37 for the Cardiology Support Fund.

\$18,255.11 - University Eye Surgeons, Inc., Columbus, Ohio, for the Eye Bank Fund.

\$17,500.00 - David Meade Massie Trust, Chillicothe, Ohio, for the David Meade Massie Trust Fund.

\$16,550.00 - Trust Under the Will of Anna Roessler, Columbus, Ohio, for the Samuel J. Roessler Memorial Fund.

\$14,317.00 - SISA, Incorporated, Cambridge, Massachusetts, for the Clinical Pharmacology Fund.

\$10,078.13 - Foundation for Endowment of a Chair at Ohio State University, New York, New York, for the Meshulam Riklis Chair in Business and Its Environment Fund.

\$10,000.00 - Sidney L. Pressey Trust, Columbus, Ohio, for the University Honors Fund.

\$8,034.14 - Grace and Carl Baldwin Trust, Columbus, Ohio, for the Carl M. and Grace C. Baldwin Eye Care Fund.

\$7,000.00 - Eli Lilly and Company, Indianapolis, Indiana, for the Eli Lilly and Company Organic Chemistry Research Fund.

\$6,000.00 - Central Ohio Center for Economic Education, Columbus, Ohio, for the Center for Economic Education.

\$6,000.00 - Mrs. Karl Kornacker, Columbus, Ohio, for the College of Law Library.

\$6,000.00 - Melvin Moffitt Estate, San Antonio, Texas, for the Melvin E. Moffitt Memorial Fund.

\$5,625.00 - Philip C. Hawley, M.D., Columbus, Ohio, for Pulmonary and Respiratory Care Research Fund.

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$5,000.00 - The Duriron Company, Inc., Dayton, Ohio, for the Duriron Professorship in Metallurgical Engineering.

\$5,000.00 - General Telephone & Electronics Corporation, Stamford, Connecticut, for the Donald C. Power Fund for College of Law.

\$5,000.00 - Mrs. Carole R. Poirier, Columbus, Ohio, for the Hematology and Cancer Research Fund.

\$5,000.00 - The M. A. Young Foundation, Youngstown, Ohio, for the College of Medicine Progress Fund.

Gifts-in-Kind

\$500,400.00 - Mrs. Barbara Cox Anthony, Honolulu, Hawaii, and Anne Cox Chambers, Atlanta, Georgia, 178 cows to be housed in the College of Agriculture.

\$247,112.00 - The Kaplan-Halpert Foundation, Inc., Columbus, Ohio, two Ohio State Federal Savings and Loan Association certificates for the Jack M. George Fund.

\$28,250.00 - Seward D. Schooler, Coshocton, Ohio: \$24,250.00--part of 1000 shares of First Banc Group of Ohio, Inc., stock for the Everett D. Reese Arthritis Research Fund and \$4,000.00, part of 1000 shares of First Banc Group of Ohio, Inc., stock for the Ohio State National Merit Scholarship Program.

\$15,598.43 - John H. Dunlap, Jr., Williamsport, Ohio, farm equipment to be housed in the College of Agriculture.

\$9,974.76 - Mr. and Mrs. Horatio B. Ebert, Medina, Ohio, 404 shares of Rubbermaid, Inc., common stock for the Cancer Research Fund.

Establishment of Named Funds

Donald E. Zehr Graduate Research Fellowship in Agricultural Economics

The Donald E. Zehr Graduate Research Fellowship in Agricultural Economics was established June 7, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Central Ohio Cooperative Milk Producers Association through the Mid East United Dairy Industry Association.

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Donald E. Zehr Graduate Research Fellowship in Agricultural Economics (contd)

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as the case dictates.

The annual income is to be available to support graduate student research in the Department of Agricultural Economics and Rural Sociology in the general areas of dairy marketing, co-operative marketing, and generic promotion as deemed desirable by the Department Chairperson.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture.

The Clara M. Bancroft Home Economics Education Fund

The Clara M. Bancroft Home Economics Education Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Clara M. Bancroft, B.S.H.E. '15, M.S. '31, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used for instructional material and faculty advancement in the Home Economics Education Department of the School of Home Economics. Requisitions for the release of funds will be approved by the Chairperson of the Home Economics Education Department, the Director of the School of Home Economics and the Dean of the College of Agriculture and Home Economics.

If, because of reorganization of the University or the School of Home Economics, the department no longer exists as such, then the income shall go to The Ohio State University Development Fund for general fund use.

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Clara M. Bancroft Phi Upsilon Omicron Fund

The Clara M. Bancroft Phi Upsilon Omicron Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Clara M. Bancroft, B.S.H.E. '15, M.S. '31, of Columbus, Ohio, in honor of Phi Upsilon Omicron, the professional Home Economics Sorority.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide funds for special lecture series, workshops, seminars and program resources. Projects will be approved by the Director of the School of Home Economics in consultation with the Phi Upsilon Omicron advisors and officers of the active chapter.

Should the need for these programs cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for home economics education.

The Society of Alumni and Friends of the School of Music Scholarship Fund

The Society of Alumni and Friends of the School of Music Scholarship Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of the School of Music.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as the case dictates.

The annual income and principal is to be used to provide scholarships for talented undergraduate music majors enrolled in the School of Music. Recipients of such scholarships shall be selected by the Director of the School of Music. For any academic year the number and dollar amount of scholarships awarded annually under this program may be varied, as determined by the School of Music. Distribution for this purpose may be made from income or principal or both, until the funds available to support this program are exhausted.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the School of Music.

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The M. S. Newman Fund

The M. S. Newman Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends, and colleagues of Dr. Melvin S. Newman, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income and subsequent gifts made to the Fund will be added to the principal each year with the intent that the Fund will become The M. S. Newman Professorship when that level is reached. Dr. Newman, Regents Professor of Chemistry, retired after 42 years on the Chemistry faculty. The appointment to The M. S. Newman Professorship, preferably in the area of organic chemistry, will be for four years, and it will be renewed for succeeding four-year terms as long as the faculty member remains productive in research. The selection will be made by a Chemistry Department Committee, the Chairman of the Chemistry Department, and the Dean of the College of Mathematical and Physical Sciences.

Should the need for this Fund and subsequent Professorship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Chairman of the Department of Chemistry.

Edmund M. Spieker Memorial Scholarship Fund

The Edmund M. Spieker Memorial Scholarship Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University by gifts from alumni and friends in memory of the late Edmund M. Spieker, D.Sc. '72, Professor of Geology (1924-1965) and Chairman of the Department of Geology (1945-1952).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships in Field Geology. The selection of the recipient is to be made upon the recommendation of the Department of Geology and Mineralogy, College of Mathematical and Physical Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

June 7, 1979 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The William R. Diehl, Jr., Memorial Fund

The William R. Diehl, Jr., Memorial Fund was established June 7, 1979, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Betty Busey Diehl, Jr., B.F.A. '34, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be directed to the Student Athlete Grant-in-Aid Fund in memory of William R. Diehl, Jr., B.S.Bus.Adm. '34, and to reflect his deep interest in the intercollegiate athletic program.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the student athletic grants in aid.

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PLANS AND SPECIFICATIONS

Resolution No. 79-146

Synopsis: Plans and specifications are being proposed for the following projects.

WHEREAS at the request of the Vice President for Business and Administration, the President recommends that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

UNIVERSITY HOSPITAL RENOVATION, PHASE II

Project:	Improvements to patient-care accommodations, which are obsolete through the advancement of technology and have deteriorated due to normal use.
Funding:	H.B. 618, Item 315-118 (University Hospital Renovation)
Estimated Project Cost:	\$11,477,854.00

June 7, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

ENERGY MODIFICATIONS TO BUILDINGS, PROJECT III

Project: This project is the final project under the 1977-1979 Building Modification Program. It is a continuation of The Ohio State University's Energy Conservation Program to provide energy reducing modifications in Botany and Zoology Building, Hughes Hall, and Sullivant Hall. Alternate bids will be requested for Founders Hall on the Newark Campus, Hopkins Hall, and Up-ham Hall. The modifications to be accomplished are based on detailed energy analysis and reports as approved by the Energy Conservation Coordinating Committee.

Funding: H. B. 618, Utilities and Renovation (1977-79 Biennium)

Estimated Project Cost: \$ 207,000.00

NEWARK CAMPUS, PARKING LOT REPAIRS

Project: Removal and replacement of deteriorated pavement.

Funding: Budget Account 885091

Estimated Project Cost: \$ 60,559.00

LIMA CAMPUS, FRONT ENTRY REPAIRS

Project: Restoration of deteriorated concrete and asphalt at the front entrance of Galvin Hall.

Funding: Budget Account 885096

Estimated Project Cost: \$ 35,910.00

PAGE HALL, PLATFORM REPAIRS AT NORTH ENTRANCE

Project: Repair deteriorated concrete and stone.

Funding: Budget Account 210134 (Contract Repair)

Estimated Project Cost: \$ 35,000.00

June 7, 1979 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Administration be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That these actions be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 79-147

Synopsis: Contracts have been awarded for three projects to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Administration to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

CLASSROOM IMPROVEMENTS (PHASE II)

Description: Improvements to meet contemporary standards in classrooms and lecture halls in Botany and Zoology Building, McPherson Laboratory, Ramseyer Hall and Stillman Hall.

General Contract

Date Received:	May 24, 1979
No. of Bids:	5
Low Bid:	\$135,300.00*
High Bid:	\$146,870.00*
Estimate of Cost:	\$200,350.00*
Awarded to:	McClellan Construction Co. (Columbus, Ohio)

*Recommended Alternates reflected in these figures.

June 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACT AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

CLASSROOM IMPROVEMENTS (PHASE II) (contd)

Heating, Ventilating and Air Conditioning Contract

Date Received:	May 24, 1979
No. of Bids:	1
Low Bid:	\$ 13,934.00*
Estimate of Cost:	\$ 13,850.00*
Awarded to:	Muetzel Plumbing and Heating Company (Columbus, Ohio)

Electrical Contract

Date Received:	May 24, 1979
No. of Bids:	4
Low Bid:	\$ 60,900.00
High Bid:	\$ 68,560.00
Estimate of Cost:	\$ 67,000.00
Awarded to:	Electric Power and Equipment Co. (Columbus, Ohio)

Total All Contracts: \$210,134.00

Total Contingency Allowance: \$ 12,374.76 which is 6 per cent of construction costs

Total Project Cost: \$300,000.00

Funding: H.B. 618, Utilities and Renovation (1977-79 Biennium)

MEDICAL PARKING RAMP-MASONRY REPAIRS AND RESEALING

Description: Repairs of deteriorated top deck, south half of parking ramp.

*Recommended Alternates reflected in these figures.

June 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

MEDICAL PARKING RAMP--MASONRY REPAIRS AND RESEALING (contd)

General Contract

Date Received:	May 9, 1979
No. Bids:	3
Low Bid:	\$ 84,935.00
High Bid:	\$248,970.00
Estimate of Cost:	\$138,000.00
Awarded to:	Lincoln Construction, Inc. (Columbus, Ohio)
Total Contract:	\$ 84,935.00
Total Contingency Allowance:	\$ 6,000.00 which is 7 per cent of construction costs
Total Project Cost:	\$ 93,633.00
Funding:	Budget Account 885071 (Parking Revenues)

GAS LINE REPLACEMENT (Stage 2)

Description: Continuation of the total project to remove and replace deteriorated gas lines on the campus.

Mechanical Contract

Date Received:	May 8, 1979
No. of Bids:	2
Low Bid:	\$ 23,950.00*
High Bid:	\$ 65,900.00*
Estimate of Cost:	\$ 49,000.00*
Awarded to:	Wathen Industries (Worthington, Ohio)

*Recommended Alternates reflected in these figures.

June 7, 1979 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

GAS LINE REPLACEMENT (Stage 2) (contd)

Mechanical Contract (contd)

Total Contract: \$ 23,950.00*

Total Contingency Allowance: \$ 4,000.00 which is 5.9 per cent of construction costs

Total Project Cost: \$ 39,276.16**

Funding: H.B. 618 (Utilities and Renovation, 1977-79 Biennium)

* Recommended Alternates reflected in these figures.

** Includes a \$9,500.00 estimate for a change order being negotiated for the addition of the installation of a master gas meter in McCracken Power Plant.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby reported.

Upon motion of Mr. Smith, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT - ROADWAY EASEMENT AT BARNEBEY CENTER, FAIRFIELD COUNTY
Resolution No. 79-148

Synopsis: A roadway easement at the Barnebey Center is requested.

WHEREAS the University has received a request from Mr. and Mrs. Robert Gossett of Fairfield County for an easement along former County Road 309, located on the eastern perimeter of Barnebey Center, for the purpose of permanent access to a 14-acre tract of land; and

WHEREAS the School of Natural Resources has reviewed the request and wish to work cooperatively with adjacent landowners at the Barnebey Center towards achieving good environmental and natural resources management practices throughout the area; and

WHEREAS the appropriate University agencies have recommended that said easement be granted:

June 7, 1979 meeting, Board of Trustees

EASEMENT - ROADWAY EASEMENT AT BARNEBEY CENTER, FAIRFIELD COUNTY
(contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request the Director of Public Works, Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for an easement.

Upon motion of Mr. Hilliker, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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MANAGEMENT AGREEMENT - TRANSPORTATION RESEARCH BOARD OF OHIO
Resolution No. 79-149

Synopsis: Management Agreement with Transportation Research Board of Ohio is being proposed.

WHEREAS the accompanying Management Agreement with the Transportation Research Board of Ohio has been reviewed by University legal counsel and appropriate State agencies:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to sign and execute this agreement in accordance with established University procedures and that the actions taken to implement this Agreement be reported to the Board at a later meeting.

Upon motion of Mr. Smith, seconded by Mr. Devenow, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT

THIS AGREEMENT, made and entered into this 7th day of June, 1979, to become effective on or before July 1, 1979, by and between the TRANSPORTATION RESEARCH BOARD OF OHIO (hereinafter "TRBO"), East Liberty, Ohio 43319, a body both corporate and politic of the State of Ohio created by the General Assembly in Chapter 5507 of the Ohio Revised Code, and THE OHIO STATE UNIVERSITY (hereinafter "OSU"), 205 Administration Building, 190 North Oval Mall, Columbus, Ohio 43210.

WITNESSETH:

WHEREAS, Chapter 5507 of the Ohio Revised Code (hereinafter "Chapter 5507") grants to TRBO the control, management, supervision and direction of the Transportation Research Center (hereinafter "TRC"); and

WHEREAS, Chapter 5507, particularly, Section 5507.03(F), ORC, gives TRBO the authority to contract with a governmental agency for the operation of the TRC; and

WHEREAS, OSU has expertise in the administration of research facilities, the conduct of research activity and wishes to manage the TRC pursuant to this Agreement;

NOW, THEREFORE, for and in consideration of the promises and agreements of the parties contained herein, the parties, intending to be legally bound, agree as follows:

ARTICLE I

Establishment of Management Responsibilities

Section 1. *Exclusive Agent for the Management of TRC.* TRBO hereby represents that it has authority to delegate to OSU the authority to manage, supervise and direct the operation of the TRC, and has taken all action necessary to delegate this authority to OSU and to execute this Agreement. TRBO hereby also represents that some of its by-laws, rules or regulations are inconsistent with this Agreement. TRBO agrees to suspend these by-laws, rules or regulations until the by-laws, rules or regulations are amended to be consistent with the Agreement. TRBO hereby appoints OSU as its exclusive agent for the management, operation, supervision and direction of the TRC and delegates to OSU authority to manage, operate, supervise and direct the TRC pursuant Chapter 5507, subject to the review of TRBO as provided herein. This authority shall include but not be limited to the right to manage, supervise and direct all the activities of the TRC, the management, operation and maintenance of all existing or hereafter acquired facilities, projects, equipment, supplies and other real and personal property owned or controlled by TRBO and activities related thereto in accordance with the purposes of the TRC as set forth in Chapter 5507.

OSU hereby accepts the appointment as TRBO's exclusive agent and agrees to exercise this appointment in accordance with Chapter 5507 and this Agreement.

Section 2. *TRBO's and OSU's Representatives.* Within thirty (30) days of the effective date of this Agreement, TRBO and OSU shall each designate in writing a board member, officer or employee and one alternate, as their representatives to coordinate the administration of this Agreement between TRBO and OSU and shall notify each other of that designation in writing within this thirty (30) day period.

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

TRBO and OSU may change their designated representatives or alternates at any time; provided, however, such change shall only be deemed effective upon delivery to OSU or TRBO of a certified copy of the document evidencing the action making such change.

Section 3. *Reports.* OSU shall make written monthly reports to the TRBO or its executive committee concerning the management of the TRC including but not limited to a detailed explanation of income and expenses. These reports shall be included in the agenda of the TRBO regular meetings for review and appropriate action. OSU shall have the exclusive and full authority as agent to manage the TRC in accordance with this Agreement, Chapter 5507 and other applicable local, state and federal rules, regulations and laws. OSU will also prepare such reports as are required by any local, state or federal rule, regulation or law and submit these reports to TRBO for review and any necessary action.

ARTICLE II

Powers and Duties of OSU

Section 1. *OSU's Control Over Management and Operation of the TRC.* Upon execution of this Agreement, OSU shall receive the exclusive and full authority as agent to manage, supervise and direct the operation of the TRC in accordance with the terms of this Agreement, subject to the review of TRBO as provided herein.

Section 2. *OSU's Management of All Real and Personal Property.* After the execution of this Agreement, TRBO shall cause an inventory to be taken of all equipment, materials, supplies, maintenance tools and other personal property and all real property which are owned or controlled by TRBO, all contracts, leases, or other agreements entered into by TRBO, all industrial revenue bond issues, and all liens, encumbrances or other restrictions on any property owned or controlled by TRBO. Such inventory shall be delivered to OSU as the agent of TRBO on or before the effective date of this Agreement. This inventory shall be signed by an authorized representative of TRBO and, when accepted, the representative of OSU. Thereafter, OSU shall have the exclusive right as agent to manage, operate and use this real and personal property and administer these agreements and other arrangements in accordance with this Agreement.

Section 3. *Income and Funds.* After the effective date of this Agreement, TRBO shall delegate to OSU as agent control of the TRBO funds, bank accounts and other accounts and OSU shall have the exclusive right as agent to control and use these funds as provided in this Agreement. After the execution of this Agreement, TRBO shall prepare financial statements setting forth all of its funds, bank accounts and other accounts. These financial statements shall be delivered to OSU before the effective date of this Agreement and shall be signed by an authorized representative of OSU and the representative of TRBO.

Section 4. *Authority to Enter into Contracts, Leases and Other Business Arrangements.* OSU shall have the authority to enter into contracts, leases and other agreements on behalf of TRBO for the use of TRC's services and facilities. TRBO acknowledges that OSU and its affiliates contract with TRBO and will continue to contract with TRBO for the use of its research facilities. TRBO agrees to allow OSU and its affiliates to continue and expand these contracts for use of the TRBO research facilities. OSU shall also have the authority as agent to administer all existing contracts, leases and other arrangements providing for the use of TRC's services or facilities on behalf of TRBO. Communications relating to

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

current, future or proposed contracts, leases or other agreements for the use of TRC's facilities or services or any related activity shall be referred to OSU and negotiations for such contracts, leases or agreements shall be conducted by OSU as agent pursuant to the terms of this Agreement.

It is the mutual intention and commitment of the parties that the in-house transportation research capabilities of the TRC will be increased compatible with the research and development activities of OSU. TRBO will appoint a representative to monitor the progress of this mutual commitment. The books and records of TRBO and OSU related to this commitment shall be open for review by the other party with reasonable written notice.

Section 5. *Service Contracts.* OSU is hereby authorized to enter into contracts on behalf of TRBO for services which it deems, in its discretion, are necessary and appropriate for the operation of TRC and is also authorized to place orders or purchase on behalf of TRBO equipment, tools, appliances, materials, supplies and other personal property and real property it deems necessary or appropriate for the continued operation or development of the TRC. If any purchase of personal or real property exceeds Twenty Five Thousand Dollars (\$25,000), OSU shall consult with the Chairperson or Vice Chairperson of the TRBO prior to such purchase. The execution of all contracts and the purchase of all property, real, personal or mixed, must be made in accordance with all local, state or federal rules, regulations and laws.

TRBO acknowledges and agrees that OSU and its affiliates may continue, on their own behalf, to bid upon and secure research projects from local, state and federal governmental bodies and non-governmental entities and perform said projects and to enter into all contracts or other arrangements necessary or appropriate for the performance of such projects.

Section 6. *Employment of Personnel.* OSU is delegated sole authority to hire, terminate, discipline, set compensation and otherwise supervise and control all employees, agents, or representatives of TRBO during the term of this Agreement. However, these employees, agents or representatives of TRBO shall be employees, agents or representatives of TRBO, shall be paid from TRBO funds and shall not be considered OSU employees, agents or representatives unless OSU specifically notifies TRBO of this fact in writing. OSU shall consider retaining the current full-time employees of TRBO. However, this Agreement places no restrictions on the right of OSU as agent to hire, terminate, discipline, set the compensation and otherwise supervise and control the personnel of TRBO. All salaries, wages and other compensation of personnel employed hereunder, including so-called fringe benefits, medical and health insurance, retirement contributions, taxes, Workmen's Compensation insurance and related benefits, shall be paid solely and exclusively from TRBO funds held in the TRBO account(s).

Section 7. *Collection of Income, Fees and Other Funds.* OSU shall collect all income, fees and other funds resulting from the use of the TRC and its administration of this Agreement on behalf of TRBO and shall deposit all these funds in the TRBO account(s). Such funds shall be used for the operation of the TRC, administration of this Agreement and the other requirements of Chapter 5507.

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

Section 8. *OSU's Compensation for the Administration of TRC.* OSU shall be paid One Dollar (\$1.00) per annum for the administration of this Agreement and shall also recover from the TRBO funds all its direct and indirect costs, expenses and payments incurred to perform its obligations under this Agreement.

Section 9. *Maintenance and Repair of Property.* To the extent funds are available in the TRBO account(s) and are not used for other obligations of the TRC, OSU shall use the funds to maintain in operating condition the real, mixed and personal property owned or controlled by TRBO and set forth in the inventory described in Section 2 of Article II of this Agreement, ordinary wear and tear excepted. To the extent funds are available, OSU is specifically authorized to use them to repair or replace, or to enter into contracts for the repair or replacement of such real, personal or mixed property.

Section 10. *Excess Funds.* During each fiscal year, any income, fees or funds received by OSU on behalf of TRBO and deposited in TRBO's account(s) and, which are not necessary for current operating funds, repair and maintenance, or other appropriate costs of administering this Agreement or operating the TRC, shall be applied by OSU for the future operation and development of TRC. Any part of these excess funds which are available may be used for the improvement and expansion of the real, personal and mixed property of the TRBO or for such other purpose as is determined by OSU and TRBO.

ARTICLE III

Relationship of OSU to TRBO

Section 1. *Financial Responsibility for Operation of TRBO.* TRBO and OSU acknowledge and accept that OSU shall have no financial responsibility whatsoever for the operation, management, supervision or direction of the TRC and the obligations established by local, state or federal rules, regulations and laws, including Chapter 5507, and all financial responsibility for these activities will be provided by TRBO through the TRBO account(s). OSU shall only be responsible for administering the TRBO funds as provided in this Agreement.

Section 2. *Fees, Operating Profits or Deficits or Other Funds.* Consistent with Section 3335.10, ORC, and the terms of this Agreement, TRBO agrees to make available to OSU all fees, operating income or deficits and other funds for the performance of any or all of the obligations provided in this Agreement. For purposes of this Agreement, accumulated operating deficits shall not include amounts deducted for the depreciation of property, real, personal or mixed.

Section 3. *Control of TRBO Capital Funds.* TRBO does not relinquish or transfer, in any way, its statutory authority, responsibility and control of current permanent capital improvements or future permanent capital improvements obtained pursuant to terms of this Agreement or from any other source. This Agreement does not relieve TRBO of its reporting or fiduciary responsibilities for all the funds and assets of TRC as provided in Chapter 5507. However, OSU is responsible for developing and implementing capital improvement plans for review by TRBO.

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

ARTICLE IV

Administration Standards, Indemnification

OSU agrees that it shall discharge its duties and responsibilities hereunder in a conscientious, competent, careful and diligent fashion and in accordance with Chapter 5507, other local, state and federal rules, regulations and laws and the terms of this Agreement; provided, however, if OSU discharges its responsibilities in accordance with these standards, OSU shall have no liability or responsibility for any damage arising out of or resulting from the performance of its obligations under this Agreement. If OSU performs its obligations in accordance with these standards, TRBO agrees to indemnify and hold harmless OSU against any and all claims, causes of action or demands arising out of or resulting from the performance of its obligations hereunder.

ARTICLE V

Limitations on Authority of OSU

The authority granted to OSU hereunder does not include the authority to lease real, personal or mixed property to anyone for a period of longer than one (1) year or to construct, modify or alter a substantial portion of any of the facilities owned or controlled by TRBO unless OSU obtains prior written consent from TRBO.

ARTICLE VI

Use of OSU Facilities, etc., Limitations

OSU may use any and all University facilities, personnel and procedures in the performance of this Agreement, except that all legal services relating to the operation of the TRC shall be provided by the special counsel of the TRBO unless otherwise directed by the Attorney General in writing; provided, however, this restriction on the use of legal counsel does not prohibit OSU from utilizing its special counsel concerning the performance of its obligations and responsibilities under this Agreement.

This Agreement shall also not restrict in any way OSU's right to perform services for the TRC even though OSU may be in charge of administering, awarding and supervising these activities.

ARTICLE VII

Administration of TRBO Accounts, Funds, Records, etc.

OSU agrees to maintain the TRBO account(s) and all TRBO records, documents and related records in accordance with generally accepted accounting principles consistently applied and in accordance with the terms of this Agreement, Chapter 5507, and other local, state and federal rules, regulations and laws.

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

All of these accounts, books and records shall be subject to inspection and audit by TRBO or its designated representative at any time during normal business hours after reasonable written notice. Said funds shall be maintained in the TRBO account(s) in the name of TRBO with OSU having full power and authority to deposit, withdraw and otherwise use these funds in accordance with this Agreement.

ARTICLE VIII

Compliance with Laws, etc.

OSU agrees that it shall comply with all applicable local, state and federal rules, regulations and laws in the performance of its obligations hereunder, including Chapter 5507. TRBO agrees to submit in writing to OSU all rules, regulations and laws relating to the operation of the TRC.

ARTICLE IX

Safety Precautions

OSU agrees to take all reasonable precautions in the performance of its obligations under this Agreement to protect the health and safety of all employees of TRBO and OSU, the citizens of the State of Ohio and the public in general, and to minimize, to the extent practicable, all dangers to life and property and shall comply with all health, safety and fire protection rules, regulations and laws.

ARTICLE X

Force Majeure

Either party shall be relieved of the consequences of any breach, default, penalty or deficiency hereunder which results from a cause or causes beyond its control. A cause or causes which results from the substantial fault or negligence of either party shall not be deemed beyond its control. Excused causes include, without limiting the generality of the foregoing, war, insurrection, strikes, or other labor disputes, riot, flood, fire, epidemic, hurricane, severe weather, action of the elements, explosion, earthquake, acts, proceedings or regulations of any governmental authority, whether legislative, executive, administrative or judicial, events which could not reasonably have been foreseen in the exercise of ordinary care, and any act of God. The existence of such causes of delay or failure shall extend the period for performance to such extent as may be necessary to enable complete performance in the exercise of reasonable diligence after the causes for delay or failure have been removed.

ARTICLE XI

Miscellaneous

Section 1. *Term.* This Agreement shall be in effect from the effective date hereof and shall continue concurrently with the State of Ohio's fiscal biennium, and shall be automatically

June 7, 1979 meeting, Board of Trustees

MANAGEMENT AGREEMENT (contd)

renewed unless either party shall give the other party one hundred twenty (120) days written notice of its intent to terminate this Agreement prior to the expiration of the biennium. Either party shall also be able to terminate this Agreement at any time by giving one hundred twenty (120) days written notice of its intent to terminate to the other party. The Agreement may be terminated by mutual consent at any time.

Section 2. *Appropriations from the General Assembly.* OSU's obligations under this Agreement are contingent upon continuing appropriations to OSU by the General Assembly necessary to support OSU.

Section 3. *Binding Upon Successors and Assigns.* All the terms and conditions of this Agreement shall inure to the benefit of and be binding upon the parties hereto and their respective successors and assigns; provided, however, neither party may assign any of its respective rights or obligations hereunder without the prior written consent of the other party, which consent shall not be unreasonably withheld.

Section 4. *Notices.* All notices, requests or communications required by this Agreement shall be in writing and shall be deemed duly given if hand delivered or when received by the parties:

(A) If to TRBO:

Transportation Research Board of Ohio
East Liberty, Ohio 43319

Attention: Representative of OSU Contract

(B) If to OSU:

The Ohio State University
205 Administration Building
190 North Oval Mall
Columbus, Ohio 43210

Attention: Representative of TRBO Contract

Section 5. *Counterparts.* This Agreement may be executed simultaneously in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Section 6. *Invalid or Unenforceable Provisions.* If any provision of this Agreement or the application of any provision to any person or any circumstance, shall be determined to be invalid or unenforceable, then such determination shall not affect any other provision of this Agreement, or the application of said provision, to any other person or circumstance, all of which other provisions shall remain in full force and effect, and it is the intention of

MANAGEMENT AGREEMENT (contd)

Section 7. *Entire Agreement.* This Agreement constitutes the entire Agreement between the parties in respect to the subject matter hereof, and this Agreement supersedes all prior and contemporaneous agreements between the parties in connection with the subject matter of this Agreement. No officer, employee or other servant or agent of the parties is authorized to make any representation, warranty or promise not contained in this Agreement. No change, termination or attempted waiver of any of the provisions of this Agreement shall be binding upon the parties unless in writing and signed by the parties.

Section 9. *Rights and Remedies Cumulative.* All rights and remedies of persons and parties enumerated in this Agreement shall be cumulative and, except as specifically contemplated otherwise by this Agreement, none shall exclude any other right or remedy allowed at law or in equity, and said rights or remedies may be exercised or enforced concurrently.

IN WITNESS WHEREOF, the parties hereto have caused these presents to be executed to be effective as the ____ day of _____, 1979.

WITNESS:

THE TRANSPORTATION RESEARCH BOARD

By _____
its _____

ATTEST: _____

THE OHIO STATE UNIVERSITY

By _____
Its _____

ATTEST: _____

June 7, 1979 meeting, Board of Trustees

**REQUEST FOR AUTHORIZATION TO SELL SECURITIES TO FINANCE PARKING
FACILITIES AND RESIDENCE HALL IMPROVEMENTS**

Resolution No. 79-150

Synopsis: Authorization to develop a proposal to sell securities for the purpose of financing parking facilities and residence hall improvements is sought.

WHEREAS, pursuant to Section 3345.11 and 3345.12 of the Ohio Revised Code the Board is authorized to, among other things, issue and sell obligations in a manner provided and subject to the applicable provisions of Section 3345.12 of the Revised Code; and

WHEREAS the University has several projects in progress for which external financing is desired in order to construct and/or equip existing facilities; and

WHEREAS the University has determined to sell a supplemental issue of general receipt bonds of the University and to enter into agreement to secure said issue of bonds for the purpose of funding the costs associated with the following projects:

- (1) Residence halls smoke detectors; approximately \$3,000,000
- (2) 11th Avenue Parking Ramp; \$2,000,000
- (3) 9th Avenue Parking Ramp; \$4,450,000
- (4) Bond Reserve Fund; approximately \$1,500,000

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration or the Treasurer are hereby authorized to engage the services of an underwriter, subject to the approval of the Fiscal Affairs Committee of the Board, and Squire, Sanders & Dempsey to assist with the development of a proposal which would facilitate the issuance of general receipt bonds in the amount of approximately \$11,000,000 to be secured by general receipts of the University.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

**AUTHORIZATION TO INCREASE THE INVESTMENT AMOUNT IN CERTIFICATES
OF DEPOSIT**

Resolution No. 79-151

Synopsis: Increase in investment amount in Certificates of Deposit is requested.

June 7, 1979 meeting, Board of Trustees

**AUTHORIZATION TO INCREASE THE INVESTMENT AMOUNT IN CERTIFICATES
OF DEPOSIT (contd)**

WHEREAS, the University from time to time invests in Certificates of Deposit in banks and savings and loan associations; and

WHEREAS, these Certificates of Deposit are secured by government or municipal bonds held by the bank or the savings and loan issuing the Certificates of Deposit; and

WHEREAS, this collateral provides a high level of safety:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Administration and/or the Treasurer be authorized by the Board to purchase Certificates of Deposit in an amount not to exceed \$6,000,000 per institution, with the limitation of one year, with no limit on the total amount invested in Certificates of Deposit which may be held in the University Investment Portfolio.

Upon motion of Mr. Havens, seconded by Mr. Smith, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 79-152

RESOLVED, That the report on the University's Investment Portfolio, dated May 18, 1979, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--O--

BOARD MEMBER COMMENTS

Mr. Hilliker made the following comment:

I have one comment before we adjourn. John Jacob would have preferred to have done it but he had to leave and since I have somewhat the same interest I would personally like to congratulate the Golf Team for their NCAA Championship that they took last week. It is the first men's national championship in eleven years--women have done a little better. It is the first men's championship. Jim Brown was elected Golf Coach of the Year. I would like to give them my congratulations and I assume the congratulations of the Board.

June 7, 1979 meeting, Board of Trustees

BOARD MEMBER COMMENTS (contd)

Mrs. James made the following comment:

I would like to officially say fond farewell to both Al and Eric. We certainly are going to miss you both. Al mentioned earlier that we just might see him again on the other side of that table some day soon. I have a feeling that if Eric is in the community we certainly will see him again. We wish you both well, good luck and Godspeed.

--o--

Thereupon the Board adjourned to meet Friday, July 20, 1979, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Patricia D. James
Chairman

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